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UNITED STATES AIR FORCE ARMSTRONG LABORATORY

USAF Noisefile Database

Henry T. Mohlman

University of Dayton Research Institute Dayton OH 45469-0156

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Occupational and Environmental Health Directorate Bioenvironmental Engineering Division Noise Effects Branch 2610 7th Street Wright-Patterson AFB OH 45433-7901

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ROBERT A. LEE

Chief, Noise Effects Branch

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FOR THE DIRECTOR

ARRY T. KIMM, Major, USAF, BSC

Chief, Bioenvironmental Engineering Division

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PREFACE

This report documents the Noisefile database used by the BASEOPS 7, OMEGA 10.9 and OMEGA 11.5 programs to prepare noise profiles for Noisemap 7. The Noisefile database contains flight and ground runup (static) data for all current USAF aircraft. This work was performed for the Noise Effects Branch of the Armstrong Laboratories at Wright-Patterson Air Force Base, Ohio. The contract monitor for this effort was Dr. J. Micah Downing.

Special thanks are due to Mr. Robert A. Lee and Dr. J. Micah Downing for their guidance and assistance in this effort.

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INTRODUCTION

The USAF Noisefile database contains flight and ground runup reference noise levels for all current military aircraft and numerous civil and military helicopters. Flight noise data are also included for most of the aircraft in the FAA's INM database. This report contains a detailed description of the format for each record in the flight noise and ground runup noise datasets in this Noisefile database as well as complete summaries and sample datasets for each data type. The flight and ground runup noise data formats are described in Appendix A and Appendix B, respectively. Complete summary listings of all aircraft and power conditions in Noisefile are presented in Appendices C and D. Sample flight data for the first eighteen aircraft are given in Appendix E. Sample ground runup data for the first ten aircraft are presented in Appendix F.

This Noisefile database was updated numerous times over the forty-three month contract time period. During the last three contract months, the Noisefile record format was completely redesigned in preparation for the new BASEOPS 7 and NOISEMAP 7 software.

FLIGHT NOISE DATA

Each flight noise dataset which contains five records defines the noise levels for a specific aircraft power condition. This power condition will be labeled using from one to three power measures such as % RPM, EPR, LBS/HR, % NC, etc. A typical aircraft has from four to six power conditions. A summary of the aircraft in the flight noise part of the Noisefile database is given in Appendix C. A sample listing of the flight noise data for the first eighteen aircraft is given in Appendix E.

The flight noise dataset described in Appendix A contains one 1/3 octave band sound pressure level (SPL) spectrum plus eight single event noise measures all normalized to standard day weather, 1000 foot slant range and an airspeed close to the field test airspeed. Some of the helicopter data are normalized to a 250 foot slant range. The Air Force standard day weather is 59 degrees Fahrenheit and 70 percent relative humidity. These flight noise datasets are used by

the BASEOPS 7 and OMEGA 10.9 programs to compute the sound exposure level (SEL), maximum A-weighted sound level (ALM) or effective perceived noise level (EPNL) noise profiles required by the Noisemap 7 program.

GROUND RUNUP NOISE DATA

Each ground runup noise dataset which contains thirty-five records defines the noise levels at ten degree intervals around one side of the aircraft for a specific aircraft power condition. A typical aircraft has from four to six ground runup power conditions. Each power condition will be labeled using from one to three power measures such as % RPM, EPR, LBS/HR, % NC, etc. The power measures defined here should be the most common measures used by the pilots in the field. A summary of the aircraft in the ground runup noise part of Noisefile is given in Appendix D. A sample listing of the ground runup noise data for the first ten aircraft is presented in Appendix F.

The ground runup noise dataset described in Appendix B contains nineteen 1/3 octave band sound pressure level (SPL) spectra normalized to standard day weather and a 250 foot distance from the noise source (aircraft). The Air Force standard day barometric pressure which is defined for these ground runup data is 29.91 inches of mercury. The nineteen 1/3 octave band spectra are defined at ten degree intervals from zero to 180 degrees around one side or the aircraft. These ground runup noise datasets are used by the BASEOPS 7 and OMEGA 11.5 programs to compute the perceived noise level (PNL), tone-corrected perceived noise level (PNLT) and A-weighted sound level (ALM) noise profiles for these same nineteen angles as required by the Noisemap 7 program.

APPENDIX A

Format of Noisefile 7 Flight Data File

This Appendix describes the format of the Noisefile 7 flight data file which is the input to the OMEGA 10 program. These flight data consist of one dataset for each aircraft or helicopter power condition in Noisefile 7. Each dataset contains five records; the format of these records is described below. A typical aircraft will have from four to six power conditions. The maximum number of power conditions permitted in the OMEGA 10 program is currently fifteen.

Record Number 1

Column	Format	Description
1-8	A8	"MILITARY" or "CIVILIAN"
9	Blank	
10	A1	"F" for flight data
11	A1	"M" for military or "C" for civilian aircraft
12-16	A5	aircraft ID
17-18	A2	operation power code
19	A1	operation type code
20	A1	interpolation code (F for FIXED, P for PARALLEL, V for VARIABLE)

Record Number 2

Column	Format	Description
1-20	A20	aircraft name (Max 20 characters)
21-40	A20	engine name (Max 20 characters)
41-42	I2	number of engines
43	Blank	
44-68	A25	drag configuration (Max 25 characters)
69-78	A10	"MEASURED" or "ESTIMATED" for measured or estimated data
79-90	A12	source of data (Country etc.)
91-101	A11	date of the last data update (DA MON YEAR; e.g.,18 SEP 1996)
102-106	I5	normalized slant range in feet
107	Blank	
108-109	A2	"FT"
110-114	I5	normalized airspeed in Knots
115	Blank	
116-118	A3	"KTS"
119-120	Blank	
121-123	I3	standard day temperature in degrees Fahrenheit
124	Blank	
125	A1 .	"F"
126-127	Blank	
128-130	I3	standard day relative humidity in percent
131	Blank	
132-134	A3	"PCT"

APPENDIX A (Continued)

Record Number 3

Column	Format	Description
1-20	A20	operation power description (Max 20 characters)
21-29	F9.2	1st power setting value (right justified)
30	Blank	
31-40	A10	1st power setting units (left justified)
41	Blank	
42-50	F9.2	1st power setting lower limit (right justified)
51-59	F9.2	1st power setting upper limit (right justified)
60-68	F9.2	2nd power setting value (right justified)
69	Blank	
70-79	A10	2nd power setting units (left justified)
80	Blank	
81-89	F9.2	2nd power setting lower limit (right justified)
90-98	F9.2	2nd power setting upper limit (right justified)
99-107	F9.2	3rd power setting value (right justified)
108	Blank	
109-118	A10	3rd power setting units (left justified)
119	Blank	
120-128	F9.2	3rd power setting lower limit (right justified)
129-137	F9.2	3rd power setting upper limit (right justified)

Record Number 4

Column	Format	Description
1-2	I2	number of microphone locations for this power setting
3-8	F6.1	mean directivity angle Theta in degrees
9-14	F6.1	mean PNL in PNdB
15-20	F6.1	mean PNLT in PNdB
21-26	F6.1	mean AL in dBA
27-32	F6.1	mean ALT in dBA
33-38	F6.1	mean EPNL in EPNdB
39-44	F6.1	mean SEL in dB
45-50	F6.1	mean SELT in dB
51-56	F6.1	mean C in dB (tone correction)

Record Number 5

Column	Format	Description
1-124	31(I4)	mean SPL levels in dB re .00002 N/M ² for frequency bands 10 through 40

Notes: (1) The SPL levels are to the nearest tenth without the decimal. They can be read as F4.1.

APPENDIX B

Format of Noisefile 7 Ground Runup Data File

This Appendix describes the format of the Noisefile 7 runup data file which is the input to the OMEGA 11 program. These flight data consist of one dataset for each aircraft or helicopter power condition in Noisefile 7. Each dataset contains thirty-five records; the format of these records is described below. A typical aircraft will have four to six power conditions. The maximum number of power conditions permitted in the OMEGA 11 program is currently eight.

Record Number 1

Column	Format	Description
1-8	A8	"MILITARY" or "CIVILIAN"
9	Blank	
10	A1	"R" for static data
11	A1	"M" for military or "C" for civilian aircraft
12-16	A5	aircraft ID
17-18	A2	operation power code
19	A1	interpolation code (F for FIXED or V for VARIABLE)

Record Number 2

Column	Format	Description
1-20	A20	aircraft name (Max 20 characters)
21-40	A20	engine name (Max 20 characters)
41-54	A14	noise suppression system (Max 14 characters)
55-56	I2	number of engines
57	Blank	
58-67	A10	"MEASURED" or "ESTIMATED" for measured or estimated data
68-79	A12	source of data (Country etc.)
80-90	A11	date of the last data update (DA MON YEAR; e.g., 18 SEP 1996)
91	Blank	
92-109	A18	"Single Engine Data"

Record Number 3

Column	Format	Description
1-20	A20	operation power description (Max 20 characters)
21-29	F9.2	1st power setting value (right justified)
30	Blank	
31-40	A10	1st power setting units (left justified)
41-49	F9.2	2nd power setting value (right justified)
50	Blank	
51-60	A10	2nd power setting units (left justified)

APPENDIX B (Continued)

Record Number 3 (Continued)

Column	Format	Description
61-69	F9.2	3rd power setting value (right justified)
70	Blank	
71-80	A10	3rd power setting units (left justified)
81-85	I5	normalized distance from noise source in feet
86	Blank	
87-88	A2	"FT"
89	Blank	
90-92	I3	standard day temperature in degrees Fahrenheit
93	Blank	
94	A1	"F"
95	Blank	
96-98	13	standard day relative humidity in percent
99	Blank	
100-102	A3	"PCT"
103	Blank	
104-109	F6.2	barometric pressure in IN HG
110	Blank	
111-115	A5	"IN HG"

Record Number 4

Column	Format	Description
1	Blank	
2-5	A4	"BAND"
6-7	Blank	
8-102	19(I5)	angles 0, 10, 20,,180 degrees; 19 angles used as spectrum ID's

Record Number 5

Column	Format	Description
1-2	Blank	
3-4	A2	"10"; first band number
5-7	Blank	
8-102	19(I5)	SPL levels in dB re .00002 N/M ² for frequency band 10 for nineteen angles from 0 to 180 degrees

Notes: (1) The SPL levels are to the nearest tenth without the decimal. They can be read as F5.1.

(2) Record number 5 is repeated for bands 11 through 40. The format is the same except the band number is changed in columns three and four.

APPENDIX C

Summary of Flight Data in Noisefile 7

This Appendix contains the summary listing of all flight data in Noisefile 7. The summary listing is in sequence by aircraft ID except that the military and civilian summary data are listed separately with the military aircraft data first followed by the civilian aircraft data. Each dataset defines the noise levels for one aircraft power condition. Each line in this summary describes one aircraft power condition which is defined in one dataset in the database.

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AIRCRAFT ENDESCRIPTION TF33-PW-102A TF33-PW-102A TF33-PW-102A	SPEYMK511-8 SPEYMK511-8 SPEYMK511-8 TFE-731-2-2B TFE-731-2-2B TFE-731-2-2B	JT8D-7B JT8D-7B JT8D-7B PT6A-65AR PT6A-65AR	R-2800-52W R-2800-52W R-2800-52W R3350-89B R3350-89B	R3350-93A R3350-93A R3350-93A R3350-93A T56-A-9	T56-A-7 T56-A-7 T56-A-15 T56-A-15	R-2800-103W R-2800-103W
AIRCRAFT NAME C-18A C-18A C-18A	C-20 C-20 C-20 C-21A C-21A C-21A	C-22 C-22 C-22 C-23	C-118 C-118 C-119L C-119L C-119L	C-121 C-121 C-121 C-121 C-130A&D C-130A&D	C-130E C-130HeN&P C-130HeN&P	C-131B C-131B
OPERATION POWER DESCRIPTION TAKEOFF POWER CRUISE POWER APPROACH POWER	TAKEOFF CRUISE LANDING TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER FLT IDLE-250 KNOTS	TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER TAKEOFF	TAKEOFF POWER CRUISE POWER APPROACH POWER TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER	TAKEOFF POWER CRUISE POWER APPROACH POWER INTERMEDIATE POWER TAKEOFF POWER APPROACH POWER	TAKEOFF POWER APPROACH POWER TAKEOFF POWER APPROACH POWER	TAKEOFF POWER CRUISE POWER
VALUE&UNITS SECOND 107.7 % RPM 75.0 % RPM 82.3 % RPM	817.0 C EGT 617.0 C EGT 679.0 C EGT 546.0 C EGT		60.0 IN HG 32.0 IN HG 27.0 IN HG 39.0 IN HG 33.6 IN HG	58.0 IN HG 33.0 IN HG 35.0 IN HG 40.0 IN HG 16800 IN-LBS 4000 IN-LBS		32.0 IN HG
PWR SETTING VALUEKUNITS FIRST SECOND 1.84 EPR 107.7 % RPM 1.12 EPR 75.0 % RPM	14000 LBS 6000 LBS 3000 LBS 96.0 % NC 70.4 % NC 80.0 % NC	1.97 EPR 1.35 EPR 1.70 EPR 100.0 % RPM 30.0 % RPM	2800 RPM 2400 RPM 2400 RPM 2900 RPM 2600 RPM 2000 RPM	2900 RPM 2350 RPM 2600 RPM 2350 RPM 970.0 C IIT 580.0 C IIT	970.0 C TIT 580.0 C TIT 970.0 C TIT 580.0 C TIT	2000 RPM
AIRCRAFT INTERP ID OPC TYPE 02101 03 V 02101 04 V	>>> >>>	>>>	>>>	> 0 > 0 > >		> >
CAFT I OPC 1 03 1 04 1 05	03 05 03 18	03 05 05	03 05 05 06	03 05 05 03	03 03 05	
AIRCRU ID (M02101 M02101 M02101	M02201 M02201 M02201 M02301 M02301 M02301	MO2401 MO2401 MO2401 MO2501 MO2501	M02601 M02601 M02601 M02701 M02701	M02801 M02801 M02801 M02801 M02901	M02902 M02902 M02903 M02903	M03001

DATE OF LAST UPDATE 27 DEC 1979 27 DEC 1979 27 DEC 1979 27 DEC 1979	27 DEC 1979 27 DEC 1979 27 DEC 1979 14 JUL 1988 14 JUL 1988 14 JUL 1988	18 SEP 1992 18 SEP 1992 18 SEP 1992 27 DEC 1979 27 DEC 1979 27 DEC 1979	27 DEC 1979	26 NOV 1989 26 NOV 1989 26 NOV 1989 26 NOV 1989 03 OCT 1991 03 OCT 1991 03 OCT 1991
AIR SPEED 200 KTS 199 KTS 300 KTS	250 KTS 300 KTS 160 KTS 150 KTS 240 KTS 300 KTS	250 KTS 300 KTS 160 KTS 180 KTS 250 KTS 115 KTS	250 KTS 300 KTS 140 KTS 140 KTS 250 KTS 250 KTS 250 KTS 250 KTS	160 KTS 160 KTS 160 KTS 160 KTS 250 KTS 300 KTS 250 KTS 140 KTS
SLANT RANGE 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT 1000 FT 1000 FT
ENGINE NUMBER 4 4 4	चचच चचचच	चिचच चिचच	चिचचच चचच	चिचचच तात चचच
AIRCRAFT E DESCRIPTION J57-P-59W J57-P-59W J57-P-59W	TF33-P-5 TF33-P-5 TF33-P-5 F108-CF-100 F108-CF-100 F108-CF-100	TF33-P-5 TF33-P-5 TF33-P-5 J60-P-5 J60-P-5	TF33-P-7 TF33-P-7 TF33-P-7 TF33-P-7 TF33-P-7 TF33-P-100A TF33-P-100A TF33-P-100A	F-103-6E-100 F-103-6E-100 F-103-6E-100 F-103-6E-100 J52-P-408 J52-P-408 TF33-P-102A TF33-P-102A
AIRCRAFT NAME C-135A C-135A C-135A	C-135B C-135B C-135B KC-135R KC-135R KC-135R	C-137 C-137 C-140 C-140 C-140	C-141A C-141A C-141A C-141A C-141A C-141A E-3A E-3A E-3A	E-4 E-4 E-4 E-4 EA-6 EA-6 E-8A E-8A E-8A
OPERATION POWER DESCRIPTION TAKEOFF POWER TAKEOFF POWER CRUISE POWER APPROACH POWER	CRUISE POWER CRUISE POWER APPROACH POWER INTERMEDIATE POWER MAX RAIED THRUST TRAFFIC PATTERN	TAKEOFF POWER CRUISE POWER APPROACH POWER TAKEOFF POWER CRUISE POWER	TAKEOFF POWER CRUISE POWER APPROACH POWER INTERMEDIATE POWER NORMAL RATED THRUST TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER INTERMEDIATE POWER	TAKEOFF CRUISE CRUISE LANDING INTERMEDIATE TAKEOFF POWER TAKEOFF POWER CRUISE POWER APPROACH POWER
VALUECUNITS SECOND 2.85 EPR 2.45 EPR 1.50 EPR 1.75 EPR	1.80 EPR 1.09 EPR 1.29 EPR 567.0 C EGT 767.0 C EGT 767.0 C EGT	1.80 EPR 1.09 EPR 1.29 EPR 1.94 EPR 1.66 EPR 1.37 EPR	1.90 SPR 1.52 SPR 1.20 SPR 1.72 SPR 1.72 SPR	107.7 % RPM 75.0 % RPM 82.3 % RPM
PWR SETTING VALUEGUNITS FIRST SECOND 96.0 % RPM 2.45 EPR 96.0 % RPM 1.50 EPR 90.0 % RPM 1.75 EPR	100.0 % RPM 76.0 % RPM 90.0 % RPM 66.5 % NC 80.3 % NC 89.6 % NC	100.0 % RPM 76.0 % RPM 90.0 % RPM 100.0 % RPM 89.0 % RPM 79.5 % RPM	96.0 % NF 85.0 % NF 68.0 % NF 91.0 % NF 1.83 EPR 1.45 EPR 1.50 EPR 1.12 EPR	40000 LBS 16000 LBS 32000 LBS 100.0 % RPM 95.0 % RPM 1.84 EPR 1.12 EPR 1.12 EPR
INTERP TYPE F V V	>>>	>>>	>>> 0 0 0 >> 0 >	>>>> >>>
AIRCEART II ID OPC ' M03101 02 M03101 03 M03101 04	M03102 03 M03102 04 M03102 05 M03104 05 M03104 11 M03104 13	M03201 03 M03201 04 M03201 05 M03301 03 M03301 04	M03401 03 M03401 04 M03401 05 M03401 12 M03501 03 M03501 05 M03501 05 M03501 13	M03601 03 M03601 04 M03601 05 M03701 03 M03701 03 M03801 04 M03801 04

AFTERBURNER F-8 CRUISE F-8 CRUISE F-8 CRUISE F-8 APPROACH F-14A TAKEOFF POWER F-14A INTERMEDIATE POWER F-144 AFTERBURNER POWER F-144 AFTERBURNER POWER F-148 TAKEOFF POWER F-148 TAKEOFF POWER F-148 TAKEOFF POWER F-15A AFTERBURNER POWER F-155 CRUISE POWER F-155 AFTERBURNER POWER F-155
AFTERBURNER TAKEOFF CRUISE APPROACH AFTERBURNER PO TAKEOFF POWER APPROACH POWER AFTERBURNER PO TAKEOFF POWER APPROACH POWER TARFIC PATTER APPROACH POWER TARFIC PATTER APPROACH POWER CRUISE POWER AFTERBURNER PO TAKEOFF POWER

DATE OF LAST UPDATE 27 DEC 1979	27 DEC 1979 27 DEC 1979	DEC DEC DEC	27 DEC 1979	FEB FEB NOV NOV NOV	19 MAR 1987 19 MAR 1987 19 MAR 1987 19 MAR 1987
AIR SPEED L 240 KTS 2 239 KTS 2 300 KTS 2 190 KTS 2	350 KTS 2 210 KTS 2 210 KTS 2 290 KTS 2 350 KTS 2 350 KTS 2 360 KTS 2	KTS KTS KTS KTS	300 KTS 27 150 KTS 27 350 KTS 27 300 KTS 27 150 KTS 27 300 KTS 27 350 KTS 27	KTS KTS KTS KTS KTS KTS	KTS KTS KTS KTS
SLANT RANGE 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT 1000 FT		1000 FT 1000 FT 1000 FT 1000 FT 1000 FT		1000 FT 1000 FT 1000 FT 1000 FT
AIRCRAFT ENGINE DESCRIPTION NUMBER J79-GE-11A/J79-GE-7 1 J79-GE-11A/J79-GE-7 1 J79-GE-11A/J79-GE-7 1 J79-GE-11A/J79-GE-7 1	775-P-19W 1 775-P-19W 1 775-P-19W 1 775-P-17 1 775-P-17 1		TF30-P-9 TF30-P-9 TF30-P-9 TF30-P-100 TF30-P-100 TF30-P-100	F1D1 F1D1 F1D1 F1D1	CF6-50C2 3 CF6-50C2 3 CF6-50C2 3 CF6-50C2 3
AIRCRAFT NAME F-104D&G F-104D&G F-104D&G F-104D&G F-104D&G	F-105D F-105D F-105D F-105D F-106 F-106 F-106	F-1113&E F-1113&E F-1113&E F-111D	F-111D F-111D F-111F F-111F F-111F	FB-111A FB-111A F-117A F-117A F-117A	KC-10A KC-10A KC-10A KC-10A
OPERATION POWER DESCRIPTION AFTERBURNER POWER CRUISE POWER APPROACH POWER INTERMEDIATE POWER	AFTERBURNER POWER TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER AFTERBURNER POWER TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER	AFTERBURNER POWER TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER AFTERBURNER POWER	TAKEOFF FOWER APPROACH POWER INTERMEDIATE POWER AFTERBURNER POWER APPROACH POWER INTERMEDIATE POWER AFTERBURNER POWER	TAKEOFF POWER APPROACH POWER TAKEOFF POWER CRUISE POWER APPROACH POWER TRAFFIC PATTERN	LANGOUR FOWER APPROACH POWER INTERMEDIATE POWER TRAFFIC PATTERN INTERMED POWER (MIL)
PWR SETTING VALUE&UNITS FIRST SECOND 00.0 % RPM 92.0 % RPM 95.0 % RPM				ביי כ עע	00000
PWR SETTING FIRST 100.0 % RPM 92.0 % RPM 95.0 % RPM	102.5 % NC 102.0 % NC 96.5 % NC 93.0 % NC 106.0 % RPM 93.0 % RPM 86.5 % RPM	97.0 % NC 97.0 % NC 81.0 % NC 86.0 % NC		and was as as	6 % % % %
INTERP TYPE F V V V	(a, b,	£4 >> > E4 :	>>> 14 >> 16		> > > > A
AIRCRAFT INTERP ID OPC TYPE M04901 01 F M04901 03 V M04901 05 V M04901 05 P	M05001 01 M05001 03 M05001 05 M05001 06 M05101 01 M05101 03 M05101 05	M05201 01 M05201 03 M05201 05 M05201 06			

DATE OF LAST UPDATE 27 DEC 1979 27 DEC 1979 27 DEC 1979 27 DEC 1979	27 DEC 1979 27 DEC 1979 27 DEC 1979 27 DEC 1979 27 DEC 1979 27 DEC 1979	08 AUG 1995 08 AUG 1995 27 DEC 1979 27 DEC 1979	MAR MAR MAR MAC DEC DEC	13 JAN 1993 13 JAN 1993 27 DEC 1979 27 DEC 1979 27 DEC 1979	19 DEC 1979 19 DEC 1979 19 DEC 1979 26 NOV 1989 26 NOV 1989	27 DEC 1979 27 DEC 1979 27 DEC 1979
AIR SPEED 190 KTS 125 KTS 230 KTS	150 KTS 100 KTS 140 KTS 140 KTS 120 KTS	250 KTS 140 KTS 200 KTS 200 KTS	160 KTS 160 KTS 160 KTS 160 KTS 180 KTS 250 KTS 140 KTS	160 KTS 160 KTS 140 KTS 180 KTS 120 KTS	200 KTS 300 KTS 125 KTS 160 KTS	170 KTS 225 KTS 105 KTS
SLANT RANGE 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT
AIRCRAFT ENGINE DESCRIPTION NUMBER R4360-59B & J47-GE 4 R4360-59B & J47-GE 4 R4360-59B & J47-GE 4	T76-G-416/417 2 T76-G-416/417 2 T76-G-416/417 2 T56-A-14 4 T56-A-14 4	TF34-GE-400A/B 2 TF34-GE-400A/B 2 TT11D-20B(J58) 2 JT11D-20B(J58) 2 JT11D-20B(J58) 2	JT15D-5 JT15D-5 JT15D-5 JWS-GE-4A JWS-GE-4A JWS-GE-4A	Lycoming Piston 1 Lycoming Piston 1 R-2800-103W 2 R-2800-103W 2	J33-A-35 J33-A-35 J33-A-35 PT6A-25 PT6A-25	J69-T-25 J69-T-25 J69-T-25
AIRCRAFT NAME KC-97L KC-97L KC-97L KC-97L	OV-10A OV-10A OV-10A P-3A P-3A	S-3A&B S-3A&B SR-71 SR-71 SR-71	T-1 T-1 T-1 T-2C T-2C	T-3 (FIREFLY) T-3 (FIREFLY) T-29 T-29 T-29	T-33A T-33A T-33A T-34 T-34	T-37B T-37B T-37B
OPERATION POWER DESCRIPTION TAKEOFF POWER APPROACH POWER TAKEOFF WITH JETS APPROACH WITH JETS	TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER TAKEOFF POWER CRUISE POWER	TAKEOFF POWER APPROACH POWER AFTERBURNER POWER TAKEOFF POWER	TAKEOFF POWER INTERMED POWER CRUISE POWER APPROACH POWER TAKEOFF POWER CRUISE POWER	TAKEOFF LANDING TAKEOFF POWER CRUISE POWER	TAKEOFF POWER CRUISE POWER APPROACH POWER TAKEOFF	TAKEOFF POWER CRUISE POWER APPROACH POWER
ALUE&UNITS SECOND 2700 RPM 2350 RPM 2700 RPM 2350 RPM			92.2 % NC 85.5 % NC 79.0 % NC 61.9 % NC	60.0 IN HG 32.0 IN HG 27.0 IN HG		
PWR SETTING VALUE&UNITS FIRST SECOND 59.0 IN HG 2700 RPM 35.0 IN HG 2350 RPM 59.0 IN HG 2700 RPM	100.0 % RPM 97.0 % RPM 97.0 % RPM 3875 ESHP 2000 ESHP 900.0 ESHP	97.2 % NC 69.0 % NC 100.0 % NC 70.0 % NC 30.0 % NC	99.0 % NF 85.0 % NF 73.0 % NF 45.0 % NF 75.0 % RPM 72.5 % RPM	100.0 % RPM 30.0 % RPM 2800 RPM 2000 RPM 2400 RPM	100.0 % RPM 90.0 % RPM 80.0 % RPM 100.0 % RPM 30.0 % RPM	99.0 % RPM 90.0 % RPM 80.0 % RPM
INTERP TYPE V V P P	> > a > > >	>>	>>>> > > >	>> >>>	>>> >>	> a >
AIRCRAFT II ID OPC ' M05501 03 M05501 05 M05501 08 M05501 09	M05601 03 M05601 05 M05601 06 M05701 03 M05701 04 M05701 05 M05701 05	MO5801 03 MO5801 05 MO5901 01 MO5901 03 MO5901 05	M06001 03 M06001 14 M06001 04 M06101 03 M06101 04 M06101 05	M06201 03 M06201 05 M06401 03 M06401 04 M06401 05	M06501 03 M06501 04 M06501 05 M06601 03 M06601 05	M06701 03 M06701 04 M06701 05

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DATE OF LAST UPDATE 27 DEC 1979 27 DEC 1979 27 DEC 1979 27 DEC 1979	DEC 1979 DEC 1979 DEC 1979 NOV 1989 NOV 1989	NOV 1989 NOV 1989 DEC 1979 DEC 1979	NOV 1989 NOV 1989 AUG 1996 AUG 1996	NOV 1989 NOV 1989 NOV 1989 DEC 1979 DEC 1979	DEC 1979 DEC 1979 DEC 1979 NOV 1989	JUN 1992 JUN 1992 NOV 1989 NOV 1989
DATE LAST UE 27 DEC 27 DEC 27 DEC 27 DEC	27 DEC 27 DEC 27 DEC 26 NOV 26 NOV	26 NOV 26 NOV 27 DEC 27 DEC 27 DEC	26 NOV 26 NOV 02 AUG 02 AUG	26 NG 26 NG 26 NG 27 DE 27 DE	27 Di 27 Di 27 Di 26 NC	25 4 25 4 26 M
AIR SPEED 300 KTS 299 KTS 301 KTS	KTS KTS KTS KTS	KTS KTS KTS KTS	KTS KTS KTS KTS	KTS KTS KTS KTS KTS	XTX XTX XTX XTX XTX	KTS KTS KTS KTS
AL SPE 300 299 301 170	180 250 115 160 160	160 160 200 140 250	160 160 250 250 250	300 210 290 300 210 290	170 100 180 160	160 160 160 160
SLANT RANGE 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT
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ENGINE					ਰਰਰ	
AFT ON			2 2 2		GSO-480-A1A6/B1 GSO-480-A1A6/B1 GSO-480-A1A6/B1 PTGA-25 PTGA-25	਼ਰੂਰ
AIRCRAFT DESCRIPTION J85-GE-5A J85-GE-5A J85-GE-5A	J60-P-3A J60-P-3A J60-P-3A J60-P-3A O-300-C	IO-470-L IO-470-L JT8D-9A JT8D-9A	PT6A-34B PT6A-34B F405-RR-401 F405-RR-401	775-P-13 775-P-13 775-P-13 775-P-13 775-P-13	GSO-480-R GSO-480-R GSO-480-P PTGA-25 PTGA-25	LYC 480-A1 LYC 480-A1 PT6A-30 PT6A-30
DES(J85- J85- J85-	760- 760- 760- 760- 760- 760- 960-	1-01 1-01 18TP 18TP	PT67 PT67 PT67 F405 F405	375 375 375 375 375	GSO- GSO- GSO- PT61	LYC LYC PT6A PT6A
E.						
AIRCRAFT NAME T-38A T-38A T-38A T-38A	T-39A T-39A T-39A T-41	T-42 T-42 T-43A T-43A	44 444 44 72 72	TR-1 TR-1 TR-1 U-2 U-2	U-4B U-4B U-4B U-6	U-8F U-8F U-21 U-21
AIRC NAME T-38 T-38 T-38	П-392 П-392 П-392 П-41	T-42 T-42 T-432 T-432	T T T T T T T T T T T T T T T T T T T	TR-1 TR-1 TR-1 U-2 U-2	U-4B U-4B U-6 U-6	U-8F U-8F U-21 U-21
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N POWER PC POWER POWER	OWER DWER POWER	POWER POWER	POWER DWER POWER	POWER POWER IATE I	POWER POWER	
OPERATION POWER DESCRIPTION AFTERBURNER POWER TAKEOFF POWER CRUISE POWER	TAKEOFF POWER CRUISE POWER APPROACH POWER TAKEOFF LANDING	TAKEOFF LANDING TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER	TAKEOFF LANDING TAKEOFF POWER CRUISE POWER	TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER	TAKEOFF POWER APPROACH POWER INTERMEDIATE POWER TAKEOFF LANDING	TAKEOFF LANDING TAKEOFF LANDING
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NITS	EPR EPR EPR					
PWR SETTING VALUE&UNITS FIRST SECOND 00.0 % RPM 00.0 % RPM 90.0 % RPM	1.94					
V PNIC PM PM PM PM PM	RPM RPM RPM RPM RPM	RPM RPM R R R	RPM RPM RPM RPM RPM	RPM RPM RPM RPM RPM	IN HG IN HG IN HG S RPM R RPM	RPM RPM RPM RPM
FIRST 100.0 % RPM 100.0 % RPM 90.0 % RPM	<i>અ</i> અ અ અ	多名 四四四	ም ም ም ም	seses seses		፠ ፠ ፠፠
	100.0 89.0 79.5 100.0	100.0 30.0 1.97 1.46	100.0 30.0 100.0 85.5 87.5	102.0 96.5 93.0 102.0 96.5	45.0 24.0 30.0 100.0	100.0 30.0 100.0 30.0
AIRCRAFT INTERP ID OPC TYPE 06801 01 F 06801 03 V 06801 04 V	> > > > >	> > > > >	>> > 4>	>>> >>>	> > 0 ₁ > >	>> >>
OPC OPC 01 01 03 01 04 01 05 01 05 01 05	03 05 05 05	01 03 01 05 01 05 01 05	01 03 01 05 01 03 01 04	01 03 01 05 01 06 01 03 01 05	01 03 01 06 01 06 01 03	01 03 01 05 01 03 01 05
AIRCRU ID (M06801 M06801 M06801	M06901 M06901 M06901 M07001 M07001	M07101 M07101 M07201 M07201	M07301 M07301 M07401 M07401	M07501 M07501 M07501 M07601 M07601	M07701 M07701 M07701 M07801 M07801	M07901 M07901 M08001 M08001

SLANT AIR DATE OF TABLE OF TAB	4 1000 FT 120 KTS 28 FEB 1983 4 1000 FT 150 KTS 28 FEB 1983 4 1000 FT 150 KTS 28 FEB 1983 4 1000 FT 110 KTS 28 FEB 1983 4 1000 FT 80 KTS 28 FEB 1983 1 1000 FT 160 KTS 19 DEC 1996 1 1000 FT 160 KTS 19 DEC 1996	2 1000 FT 507 KTS 22 OCT 1987 2 1000 FT 303 KTS 22 OCT 1987 2 1000 FT 208 KTS 22 OCT 1987 2 1000 FT 358 KTS 22 OCT 1987 2 1000 FT 300 KTS 22 OCT 1987 2 1000 FT 369 KTS 22 OCT 1987 2 1000 FT 433 KTS 02 DEC 1987 2 1000 FT 420 KTS 02 DEC 1987 2 1000 FT 297 KTS 02 DEC 1987 2 1000 FT 297 KTS 02 DEC 1987 2 1000 FT 297 KTS 02 DEC 1987 2 1000 FT 488 KTS 02 DEC 1987 2 1000 FT 488 KTS 02 DEC 1987	2 1000 FT 462 KTS 22 OCT 1987 2 1000 FT 345 KTS 22 OCT 1987 2 1000 FT 187 KTS 22 OCT 1987 2 1000 FT 473 KTS 22 OCT 1987 2 1000 FT 400 KTS 22 OCT 1987 2 1000 FT 495 KTS 22 OCT 1987 2 1000 FT 373 KTS 22 OCT 1987 2 1000 FT 373 KTS 22 OCT 1987 2 1000 FT 457 KTS 22 OCT 1987 2 1000 FT 457 KTS 22 OCT 1987 2 1000 FT 457 KTS 22 OCT 1987	2 1000 FT 404 KTS 22 OCT 1987 2 1000 FT 407 KTS 22 OCT 1987 2 1000 FT 178 KTS 22 OCT 1987 2 1000 FT 302 KTS 22 OCT 1987
AIRCRAFT ENGINE DESCRIPTION NUMBER CF6-50D CF6-50D CF6-50D CF6-50D CF6-50D CF6-50D CF6-50D	JT8D-17, -209 JT8D-17, -209 JT8D-17, -209 JT8D-17, -209 JT8D-17, -209 TP PT6A-68	Spey Mk 202 Spey Mk 202 Spey Mk 202 Spey Mk 202 Spey Mk 202 Spey Mk 202 Spey Mk 202 RB.199-34R-04 RB.199-34R-04 RB.199-34R-04 RB.199-34R-04	Turbomeca Adour Turbomeca Adour Turbomeca Adour Turbomeca Adour Turbomeca Adour Turbomeca Adour Avon 302C Avon 302C Avon 302C Avon 302C	Spey Turbojets Spey Turbojets Spey Turbojets Grew Turbojets
AIRCRAFT NAME YC-14 YC-14 YC-14 YC-14 YC-14	YC-15 YC-15 YC-15 YC-15 YC-15 YC-15 UPATS	PHANTOM PHANTOM PHANTOM PHANTOM PHANTOM PHANTOM TORNADO TORNADO TORNADO TORNADO TORNADO TORNADO	JAGUAR JAGUAR JAGUAR JAGUAR JAGUAR LIGHTNING LIGHTNING LIGHTNING	BUCCANEER BUCCANEER BUCCANEER
OPERATION POWER DESCRIPTION TAKEOFF POWER CRUISE POWER APPROACH POWER TRAFFIC PATTERN STOL TAKEOFF STOL APPROACH	TAKEOFF FOWER APPROACH FOWER INTERMEDIATE POWER TRAFFIC PATTERN STOL TAKEOFF STOL APPROACH TAKEOFF FOWER	AFTERBURNER POWER CRUISE POWER APPROACH POWER INTERNEDIATE POWER TRAFFIC PATTERN INTER. POWER (MIL) AFTERBURNER POWER CRUISE POWER APPROACH POWER TRAFFIC PATTERN TRAFFIC PATTERN TAKEOFF POWER	AFTERBURNER POWER CRUISE POWER APPROACH POWER TRAFFIC PATTERN TAKEOFF POWER AFTERBURNER POWER CRUISE POWER APPROACH POWER TRAFFIC PATTERN INTER. POWER	TAKEOFF POWER CRUISE POWER APPROACH POWER HDARFIC DAMERON
PWR SETTING VALUE&UNITS FIRST SECOND 10.0 % NF 72.0 % NF 60.0 % NF 76.0 % NF 62.0 % NF	99.0 % NF 89.0 % NF 86.0 % NF 77.0 % NF 98.5 % NF			
PWR SETTING FIRST 110.0 % NF 72.0 % NF 60.0 % NF 76.0 % NF 106.0 % NF	2.25 EPR 1.56 EPR 1.40 EPR 2.23 EPR 1.55 EPR 100.0 % NI	100.0 % RPM 85.0 % RPM 90.0 % RPM 94.0 % RPM 87.0 % RPM 98.0 % RPM 89.0 % RPM 82.5 % RPM 82.5 % RPM	100.0 % RPM 95.0 % RPM 95.0 % RPM 90.0 % RPM 100.0 % RPM 82.0 % RPM 91.0 % RPM 90.0 % RPM	95.0 % RPM 88.0 % RPM 89.0 % RPM
INTERP TYPE V V V V V V	>> \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	m > > > > > m > m >		> 0. > ;
AIRCRAFT ID OPC MO8101 03 MO8101 05 MO8101 13 MO8101 15 MO8101 15	M08201 03 M08201 05 M08201 06 M08201 13 M08201 15 M08301 03 M08301 03	M45001 01 M45001 04 M45001 05 M45001 13 M45001 14 M45101 01 M45101 05 M45101 03 M45101 03 M45101 03	M45201 04 M45201 05 M45201 05 M45201 13 M45201 03 M45301 01 M45301 04 M45301 13 M45301 13	M45401 03 M45401 04 M45401 05

AIRCRAFT INTERP ID OPC TYPE	NTERP	PWR SETTING VALUE&UNITS FIRST SECOND	OPERATION POWER DESCRIPTION	AIRCRAFT NAME	AIRCRAFT ENGINE DESCRIPTION NUMBER	SLANT	AIR	DATE OF LAST UPDATE
M45501 03	>	95.5 % RPM	TAKEOFF POWER	HARRIER		Н	445 KTS	22 OCT 1987
M45501 04	٥	85.0 % RPM	CRUISE POWER	HARRIER	Pegasus	1000 FT	383 KTS	22 OCT 1987
M45501 05	>	65.0 % RPM	APPROACH POWER	HARRIER	Pegasus	. 1000 FT	204 KTS	22 OCT 1987
M45501 13	<u>α</u>	65.0 % RPM	TRAFFIC PATTERN	HARRIER	Pegasus 1	. 1000 FT	313 KTS	22 OCT 1987
M45601 03	٥	98.0 % RPM	TAKEOFF POWER	HUNTER	Avon Turbojet	. 1000 FT	348 KTS	22 OCT 1987
M45601 04	>	88.0 % RPM	CRUISE POWER	HUNTER				Ö
M45601 05	٥		APPROACH POWER	HUNTER				ğ
M45601 14	>	99.0 % RPM	INTER. POWER (MIL)	HUNTER	Avon Turbojet	1000 FT		Ö
M45701 03	>	%	TAKEOFF POWER	VICTOR	Conway Turbofans	1000 FT	265 KTS	22 OCT 1987
M45701 04	>	94.0 % RPM	CRUISE POWER	VICTOR	Conway Turbofans	1000 FT	257 KTS	22 OCT 1987
	>	æ	APPROACH POWER	VICTOR				
M45701 13	Q,	83.0 % RPM	TRAFFIC PATTERN	VICTOR	Conway Turbofans	1000 FT	187 KTS	22 OCT 1987
M45801 03		100.0 % RPM	TAKEOFF POWER	VULCAN	Olympus 301	1000 FT	256 KTS	22 OCT 1987
M45801 04	>	70.0 % RPM	CRUISE POWER	VULCAN	Olympus 301	1000 FT	232 KTS	
M45801 05	>	96	APPROACH POWER	VULCAN	Olympus 301	1000 FT	162 KTS	22 OCT 1987
	ሲ	65.0 % RPM	INTERMEDIATE POWER	VULCAN	Olympus 301	1000 FT	187 KTS	22 OCT 1987
M45801 13	>	65.0 % RPM	TRAFFIC PATTERN	VULCAN	Olympus 301			OC
M45901 03	>	100.0 % RPM	TAKEOFF POWER	NIMROD	Spev Mk 511.5W	1000 FT	280 KTS	22 OCT 1987
		æ	CRITISE POWER	NIMBOD	ž			5
	>	90	APPROACH POWER	NIMROD	ğ			į
	٥		TRAFFIC PATTERN	NIMROD	ğ			ö
M45901 14	>	94.5 % RPM	INTER. POWER (MIL)	NIMROD	Spey Mk 511-5W	1000 FT	275 KTS	22 OCT 1987
M46001 03			TAKEOFF POWER	VC10	Conway Turbofans	1000 FT	298 KTS	22 OCT 1987
M46001 04	>	88.0 % RPM	CRUISE POWER	VC10	Conway Turbofans	1000 FT	229 KTS	22 OCT 1987
	>	æ	APPROACH POWER	VC10				Ö
	д	æ	TRAFFIC PATTERN	VC10		1000 FT	215 KTS	Ö
M46001 14	>	93.0 % RPM	INTER. POWER (MIL)	VC10	Conway Turbofans	1000 FT	272 KTS	22 OCT 1987
M46101 03	>	102.0 % RPM	TAKEOFF POWER	HAWK	RR Adour	1000 FT	291 KTS	22 OCT 1987
M46101 04	p.	85.0 % RPM	CRUISE POWER	HAWK	RR Adour	1000 FT		Ö
M46101 05	>	78.0 % RPM	APPROACH POWER	HAWK	RR Adour 1	1000 FT	140 KTS	Ö
M46101 13	ρι	79.0 % RPM	TRAFFIC PATTERN	HAWK	RR Adour 1	. 1000 FT	201 KTS	22 OCT 1987
M46201 03		100.0 % RPM	TAKEOFF POWER	PROVOST	Viper 202	1000 FT	243 KTS	22 OCT 1987
M46201 04	۸	85.0 % RPM	CRUISE POWER	PROVOST	Viper 202	1000 FT	208 KTS	Ö
M46201 05	۶	76.0 % RPM	APPROACH POWER	PROVOST	Viper 202	1000 FT		ö
M46201 13	Д	75.0 % RPM	TRAFFIC PATTERN	PROVOST	202	1000 FT	153 KTS	Ö
20 100377		9 0 00 to	demod payan	m in the second	Total Missiland at	6		Į
M46301 03		e a	TAKEOFF FOWER	DOMINIE	Viper 521 Turbojet 2	1000 FT	2/2 KTS	
	> >	6 9	ADDROACH DOMED	DOMINIE	szi mimbołet	000		3 8
	> £	6 9	TONER TONER	DOMINIE	521 Turbojet			
	74	ĮP	IKAFFIC FALLERUN	DOMINIE	Turbojet	1000	TAA KIS	22 OCF 1987

DATE OF LAST UPDATE 22 OCT 1987 22 OCT 1987 22 OCT 1987	22 OCT 1987 22 OCT 1987 22 OCT 1987 22 OCT 1987 22 OCT 1987	27 DEC 1979 07 APR 1980 07 APR 1980	APR APR APR	APR APR	APR DEC	14 DEC 1992 17 DEC 1992 14 DEC 1992 14 DEC 1992 14 DEC 1992	14 DEC 1992 14 DEC 1992
AIR SPEED 272 KTS 284 KTS 131 KTS	206 KTS 133 KTS 100 KTS 125 KTS 197 KTS	100 KTS 80 KTS 60 KTS				40 KTS 70 KTS 100 KTS 130 KTS 150 KTS 40 KTS	80 KTS 40 KTS
SLANT RANGE 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT				250 FT 250 FT 250 FT 250 FT 250 FT 250 FT	250 FT 250 FT
GINE NUMBER 2 2 2 2	пппппп	0 0 00	1 0 0 0 O	н н г	ਰ ਜ ਜ (N N N N N N N	ਜਜ
AIRCRAFT ENGINE DESCRIPTION NU AVON TURBOJET AVON TURBOJET AVON TURBOJET	Dart 7 MK 535 Dart 7 MK 535 Dart 7 MK 535 Dart 7 MK 535	T64-GE-7 PT6T-3B Twin Pac T58-GE-8B T58-GR-RP	JFTD-12A-5A JFTD-12A-5A T55-L-11	TVO-435-G1A HIO-360-DIA	ALL-250-C20A T53-L-13 T53-L-13	17/00-GE-701 1700-GE-701 1700-GE-701 1700-GE-701 1700-GE-701 1700-GE-701	Allison 250 Allison 250
ALRCRAFT NAME CANBERRA CANBERRA CANBERRA CANBERRA CANBERRA	HS748 HS748 HS748 HS748 HS748	HH-53 UH-1N CH-3C	CH-54B CH-54B CH-47C	UH-13 TH-55A	OH-9A AH-1G AH-1G	AH64 AH64 AH64 AH64 AH64 AH64	OH58 OH58
OPERATION POWER DESCRIPTION TAKEOFF POWER CRUISE POWER APPROACH POWER TRAFFIC PATTERN	TAKEOFF POWER CRUISE POWER APPROACH POWER TRAFFIC PATTERN INTER. POWER (MIL)	FLT AT 100 KTS FLT AT 80 KTS FLT AT 60 KTS FLT AT 100 KTS	AT AT	AT 50	LITE 100 LITE 40	LEO LITE 40 KTS LEO LITE 100 KTS LEO LITE 130 KTS LEO LITE 130 KTS LEO LITE 150 KTS LND LITE 40 KTS TKF LITE 40 KTS	LFO LITE 80 KTS LND LITE 40 KTS
FIRST SECOND 00.0 % RPM 87.0 % RPM 80.0 % RPM							ro 70
PWR SETTIN FIRST 100.0 % RPM 87.0 % RPM 80.0 % RPM	100.0 % RPM 72.0 % RPM 71.0 % RPM 71.0 % RPM	100.0 % RPM 100.0 % RPM 100.0 % RPM	, % % %	ap ap d	100.0 KNOTS 40.0 KNOTS	40.0 KNOTS 70.0 KNOTS 130.0 KNOTS 150.0 KNOTS 40.0 KNOTS 40.0 KNOTS	80.0 KNOTS
INTERP TYPE V V V V	> 4 > 4 >	[24	, Îta Îta Îta	jing jing j	ट्य इंट ट्रिय	[z,	E 4 E 4
AIRCRAFT 1 ID OPC M46401 03 M46401 04 M46401 05 M46401 13	M46501 03 M46501 04 M46501 05 M46501 13 M46501 14	M60301 01 M60401 01 M60501 01				M61201 60 M61201 61 M61201 64 M61201 67 M61201 70 M61201 77	M61401 63 M61401 77

	INTERP	ING VAL	OPERATION POWER	AIRCRAFT	AIRCRAFT ENGINE	SLANT	AIR	DATE OF
O.	TYPE	FIRST	RIPTION	NAME	TON NUMBE	RANG	SPEED	LAST UPDATE
_	īz,	40.0 KNOTS	LITE 40	OHS8D	250 C30R	250		DEC
	Ēt,	70.0 KNOTS	LITE 70	он58D	250 C30R	250		DEC
	Ē4	100.0 KONOIS	LITE 100	OH58D	250 C30R		100 KTS	14 DEC 1992
	Ľω	120.0 KNOTS		ОН58D	250 C30R	1 250 FT	120 KTS	14 DEC 1992
	[± ₄	40.0 KNOTS		ОН58D	Allison 250 C30R	. 250 FT	40 KTS	14 DEC 1992
M61501 83	Îz,	40.0 KNOTS	TKF LITE 40 KTS	OH58D	Allison 250 C30R	1 250 FT	40 KTS	14 DEC 1992
M61601 63	ĵz,	80.0 KNOTS	LFO LITE 80 KTS	THSS	Incoming Piaton	1 250 14	STX OR	14 DEC 1992
	, F	A O O TOTAL	20 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5			0 0	3 9	1 1
Weleul //	¥	40.0 KNOTS	IND LITE 40 KIS	THSS	Lycoming Piston	. 250 FT	40 KTS	14 DEC 1992
M61901 64	[2 4	100.0 KNOTS	LFO LITE 100 KTS	CH47B	T55 Turboshafts	2 250 FT	100 KTS	14 DEC 1992
M61901 73	124	100.0 KNOTS	LFO LOAD 100 KTS	CH47B	T55 Turboshafts	250 FT	100 KTS	14 DEC 1992
M61901 77	Œ	40.0 KNOTS	LND LITE 40 KTS	CH47B	T55 Turboshafts	2 250 FT		14 DEC 1992
M61901 80	Ē	40.0 KNOTS	LND LOAD 40 KTS	CH47B	T55 Turboshafts	250	40 KTS	14 DEC 1992
M62001 60	Ľ	40.0 KNOTS	LFO LITE 40 KTS	CH47D	T55-L-712	250 FT	40 KTS	14 DEC 1992
M62001 61	ĵ±,	70.0 KNOTS	LITE 70	CH47D	T55-1,-712			T H
	<u> </u> <u> </u> <u> </u>		LITE 100	CH47D		250		1 12
M62001 67	ĵz,		LITE 130	CH47D		250		DEC.
	Ē	135.0 KNOTS	LITE 135	CH47D				DEC
	[±		LOAD 40	CH47D		250) HC
_	[24	70.0 KNOTS	LOAD 70	CH47D		250		DEC
M62001 73	Ē	100.0 KNOTS	LFO LOAD 100 KTS	CH47D	T55-L-712	250	100 KTS	DEC
M62001 74	Œ	120.0 KNOTS	LFO LOAD 120 KTS	CH47D	T55-L-712	250		DEC
M62001 78	Ē	70.0 KNOTS	LND LITE 70 KTS	CH47D		250		DEC
M62001 81	Œ	70.0 KNOTS	LND LOAD 70 KTS	CH47D	T55-L-712			DEC
M62001 84	ĵz,	70.0 KNOTS	TKF LITE 70 KTS	CH47D	T55-L-712	2 250 FT	70 KTS	14 DEC 1992
M62001 86	Œ;	70.0 KNOTS	TKF LOAD 70 KTS	CH47D	T55-L-712	250 FT	70 KTS	14 DEC 1992
M62101 60	Į	40.0 KNOTS	LFO LITE 40 KTS	UH60A	T700-CE-700	250 FT	40 KTS	14 DEC 1992
M62101 61	Ŀ	70.0 KNOIS	LFO LITE 70 KTS	UH60A	T700-CE-700	250 FT	70 KTS	14 DEC 1992
M62101 64	Ē	100.0 KNOTS	LFO LITE 100 KTS	UH60A	T700-CE-700	2 250 FT	100 KTS	14 DEC 1992
M62101 69	[z _t	140.0 KNOTS	LFO LITE 140 KTS	UH60A	T700-CE-700 2	250 FT	140 KTS	14 DEC 1992
	Œ	70.0 KNOTS	LOAD 70	UH60A	T700-CE-700 2		70 KTS	14 DEC 1992
	<u> [24</u>	100.0 KNOTS	LOAD 100	UH60A	T700-CE-700 2		100 KTS	14 DEC 1992
	Œι	120.0 KNOTS	LOAD 120	UH60A	T700-CE-700	250 FT	120 KTS	14 DEC 1992
M62101 75	Ľų	140.0 KNOTS	140	UH60A	T700-CE-700	250 FT	140 KTS	14 DEC 1992
	Ēι	40.0 KNOTS	LITE 0	UH60A	T700-CE-700	250 FT	40 KTS	14 DEC 1992
	Ŀ			UH60A	T700-CE-700	250 FT	40 KTS	14 DEC 1992
∞	Ē			UH60A	T700-CE-700	2 250 FT	40 KTS	14 DEC 1992
M62101 85	ኴ	40.0 KNOTS	TKF LOAD 0 KTS	UH60A	T700-CE-700	250 FT	40 KTS	14 DEC 1992
M62201 04	ы	68.0 %Q-BPA 100.0 % NR	CRUISE POWER	CH-53E	T64-GE-416A	1000 FT	120 KTS	14 JUN 1994
M62201 25	Œ	56.0 %Q-BPA 100.0 % NR	LEVEL FLIGHT (LPA)	CH-53E	T64-GE-416A	1000 FT	80 KTS	N
M62201 26	Ľ	90.0 %Q-BPA 100.0 % NR	LEVEL FLIGHT (HPA)	CH-53E	T64-GE-416A		150 KTS	14 JUN 1994
M62201 27	Ĭ'n	90.0 %Q-BPA 100.0 % NR	MAX POWER	CH-53E	T64-GE-416A 3	1000		P N

DATE OF LAST UPDATE 14 JUN 1994 14 JUN 1994 14 JUN 1994	18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992	18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992	18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992	18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992	18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992 18 DEC 1992	18 DEC 1992 18 DEC 1992 18 DEC 1992
AIR SPEED 110 KTS 70 KTS 130 KTS	63 KTS 63 KTS 116 KTS 74 KTS 75 KTS	64 KTS 65 KTS 128 KTS 69 KTS 70 KTS	63 KTS 63 KTS 116 KTS 60 KTS 60 KTS	53 KTS 55 KTS 94 KTS 65 KTS 65 KTS	85 KTS 85 KTS 120 KTS 67 KTS 70 KTS 117 KTS	62 KTS 62 KTS 111 KTS
SLANT RANGE 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT
AIRCRAFT ENGINE DESCRIPTION NUMBER T58-GE-16 2 T58-GE-16 2 T58-GE-16 2	LTS 101-600A 1 LTS 101-600A 1 LTS 101-600A 1 Arriel 1C 2 Arriel 1C 2 Arriel 1C 2	Astazou Turboshaft 1 Astazou Turboshaft 1 Astazou Turboshaft 1 Turmo 4C 2 Turmo 4C 2	Allison 250 C20F 2 Allison 250 C20F 2 Allison 250 C20F 2 Allison 250-C20B 2 Allison 250-C20B 2 Allison 250-C20B 2	PTGT-3B 2 PTGT-3B 2 PTGT-3B 2 LTS101-650C3 2 LTS101-650C3 2 LTS101-650C3 2	T55 Turboshafts 2 T55 Turboshafts 2 T55 Turboshafts 2 Allison 250-C20B 2 Allison 250-C20B 2 Allison 250-C20B 2	Allison 250-C20B 2 Allison 250-C20B 2 Allison 250-C20B 2
AIRCRAFT NAME CH-46E CH-46E CH-46E CH-46E	ASTAR SA350D ASTAR SA350D ASTAR SA350D DAUPHIN SA365N DAUPHIN SA365N DAUPHIN SA365N	GAZELLE SA341G GAZELLE SA341G GAZELLE SA341G PUMA SA330J PUMA SA330J	TWINSTAR SA355F TWINSTAR SA355F TWINSTAR SA355F A109 A109	BL212 (UH-1N) BL212 (UH-1N) BL212 (UH-1N) BL222 BL222 BL222	CHINOOK (CH-47D) CHINOOK (CH-47D) CHINOOK (CH-47D) BOELKOW BO-105 BOELKOW BO-105 BOELKOW BO-105	HU500D/E (OH-6) HU500D/E (OH-6) HU500D/E (OH-6)
OPERATION POWER DESCRIPTION CRUISE POWER LEVEL FLIGHT (LPA) LEVEL FLIGHT (HPA) MAX POWER	TAKEOFF POWER APPROACH POWER FLYOVER POWER TAKEOFF POWER APPROACH POWER	TAKEOFF POWER APPROACH POWER FLYOVER POWER TAKEOFF POWER APPROACH POWER	TAKEOFF POWER APPROACH POWER FLYOVER POWER TAKEOFF POWER APPROACH POWER	TAKEOFF POWER APPROACH POWER FLYOVER POWER TAKEOFF POWER APPROACH POWER	TAKEOFF POWER APPROACH POWER FLYOVER POWER TAKEOFF POWER APPROACH POWER	TAKEOFF POWER APPROACH POWER FLYOVER POWER
PWR SETTING VALUE&UNITS FIRST SECOND 79.0 &Q-BPA 730.0 C T5 86.0 &Q-BPA 710.0 C T5 94.0 &Q-BPA 815.0 C T5 98.0 &Q-BPA 810.0 C T5	63.0 KNOTS 63.0 KNOTS 116.0 KNOTS 74.0 KNOTS 75.0 KNOTS	64.0 KNOTS 65.0 KNOTS 128.0 KNOTS 69.0 KNOTS 70.0 KNOTS	63.0 KNOTS 63.0 KNOTS 116.0 KNOTS 60.0 KNOTS 60.0 KNOTS	53.0 KNOTS 55.0 KNOTS 94.0 KNOTS 65.0 KNOTS 65.0 KNOTS	85.0 KNOTS 85.0 KNOTS 120.0 KNOTS 67.0 KNOTS 70.0 KNOTS 117.0 KNOTS	62.0 KNOTS 62.0 KNOTS 111.0 KNOTS
Interp Type F F F	Էս Էս ես ես ես ես	[24 [24 [24 [24 [24 [24	Sea, Sea, Sea, Sea, Sea, Sea,	124 124 124 124 124		E E E
AIRCRAFT INTERPID OPC TYPE M62301 04 F M62301 25 F M62301 26 F M62301 27 F	M65101 03 M65101 05 M65101 24 M65201 03 M65201 05 M65201 24	M65301 03 M65301 24 M65301 24 M65401 03 M65401 05 M65401 24	M65501 03 M65501 05 M65501 24 M65601 03 M65601 05 M65601 24	M65701 03 M65701 05 M65701 24 M65801 03 M65801 05 M65801 24	M65901 03 M65901 05 M65901 24 M66001 03 M66001 05 M66001 24	M66101 03 M66101 05 M66101 24

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	DEC 19 DEC 19 DEC 19 DEC 19	DEC 1992 DEC 1992 DEC 1992 DEC 1992 DEC 1992	JAN 1988 JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988 JAN 1988 JAN 1988 JAN 1988	N 1988 N 1988 N 1988 N 1988 N 1988	N 1988 N 1988 N 1988 N 1988 N 1988
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AIR SPEED 73 KTS 74 KTS	KTS KTS KTS KTS		KTS KTS KTS	KTS KTS KTS KTS KTS	KTS KTS KTS KTS KTS	KTS KTS KTS KTS
AI SPE 73 74 130	74 76 146 74	150 150 74 74 130	160 160 160 160	160 160 160 160 160 160	160 160 160 160 160 160	160 160 160 160 160
SLANT RANGE 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT		1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 0 FT 0 FT 0 FT 0 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT
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ENGINE NUMBER 2 2						
	afts afts afts	700 250-C30 250-C30 250-C30	LIP)	(CIP) (CIP) (CIP) (CIP)	(TIP)	PP) PP) PP)
AIRCRAFT RIPTION -140 -140	Turboshafts Turboshafts Turboshafts -CE-700	2-700 3-700 3-700 1 250 1 250	X X ED		XED	(SUPP)
AIRCRAF DESCRIPTION CT58-140 CT58-140	0.0	T700-CE-700 T700-CE-700 Allison 250 Allison 250	JT9D (FIXED-LIP) JT9D (FIXED-LIP) JT9D (FIXED-LIP)	7T9D (FIXED-LIP) JT9D (FIXED-LIP) JT9D (FIXED-LIP) JT9D (FIXED-LIP) JT9D (FIXED-LIP) JT9D (FIXED-LIP)	отур (FIXED-LIP) отур - 70 отур - 70 отур - 70 отур - 70 отур - 70	PW-JT4A PW-JT4A PW-JT4A PW-JT4A PW-JT4A
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CH-3A) (CH-3A) (CH-3A) (CH-3A)		02 02 02	-200 -200 -200 -200	.100 -100 -100 -100 -100 -SP	B-747-SP (B-747-20B* B-747-20B* B-747-20B* B-747-20B* B-747-20B*	20 (Q) 20 (Q) -120 (-120 ((Q)
AIRCRAFT NAME SK61 (CH SK61 (CH	SK65 SK65 SK65 SK70	SK70 SK76 SK76 SK76	B-747-200 B-747-200 B-747-200 B-747-200	B-747-100 B-747-100 B-747-100 B-747-100 B-747-SP B-747-SP B-747-SP	B-747-SP (; B-747-20B* B-747-20B* B-747-20B* B-747-20B* B-747-20B* B-747-20B*	DC-8-20 ((DC-8-20 ((B-707-120 B-707-120 B-720 (Q)
					3	
VER SR S	~ & ~ ~ &	1~ ~ H~			INTERMEDIATE APPROACH POWER CRUISE POWER TRAFFIC PATTERN INTERMEDIATE POWER INTERMED POWER (MIL) TAKEOFF POWER	
OPERATION POWER DESCRIPTION TAKEOFF POWER APPROACH POWER	TAKEOFF POWER APPROACH POWER FLYOVER POWER TAKEOFF POWER	FLYOVER POWER TAKEOFF POWER APPROACH POWER	IATE	IATE	INTERMEDIATE APPROACH POWER CRUISE POWER TRAFFIC PATTERN INTERMEDIATE PO INTERMEDIATE PO TAKEOFF POWER	
OPERATION PO DESCRIPTION TAKEOFF POW APPROACH POI	TAKEOFF APPROACH FLYOVER TAKEOFF	FLYOVER TAKEOFF APPROACH	TAKEOFF CRUISE LANDING INTERMEDIATE	TAKEOFF CRUISE LANDING INTERMEDIATE TAKEOFF CRUISE LANDING	INTERMEDIATE APPROACH POW CRUISE POWER TRAFFIC PATT INTERMEDIATE INTERMED POW TAKEOFF POWE	TAKEOFF LANDING TAKEOFF LANDING TAKEOFF
OPE DES TAK APP	TAK APP FLY TAK	FLY TAK APP	TAKEOFI CRUISE LANDIN	TAKEOFI CRUISE LANDIN INTERM TAKEOFI CRUISE	APPI CRU TRAD INT	TAKU LANU LANU TAKU
II TS						
PWR SETTING VALUEGUNITS FIRST SECOND 73.0 KNOTS 74.0 KNOTS						
G VAI						
FIRST 0 KNOTS 0 KNOTS 0 KNOTS	KNOTS KNOTS KNOTS KNOTS	KNOTS KNOTS KNOTS KNOTS	LBS LBS LBS LBS	LBS LBS LBS LBS LBS LBS	1.85 1.85 1.85 1.85 1.85 1.85 1.85	1.85 1.85 1.85 1.85 1.85 1.85 1.85
FIRST 73.0 KNOTS 74.0 KNOTS	74.0 KNOTS 76.0 KNOTS 146.0 KNOTS 74.0 KNOTS	150.0 KNOTS 74.0 KNOTS 74.0 KNOTS 130.0 KNOTS	40000 1 16000 1 8000 1 32000 1	40000 1 8000 1 32000 1 40000 1 8000 1	32000 I 8560 I 14000 I 24370 I 34850 I 40240 I	15000 LBS 4000 LBS 4000 LBS 15000 LBS 4000 LBS
н	м		4.6. (1)	ч п п ч п	ल ∺ालल्यन	21 24 21 24
AIRCRAFT INTERP ID OPC TYPE 66201 03 F 66201 05 F	ես ես ես ես -		>>>>	>>>> >>>	> >>>>>	>> >> >>
CRAFT OPC 01 03 01 05	01 03 01 05 01 24 01 03 01 05		11 03 11 04 11 05 11 06	11 03 11 05 11 06 11 06 11 04	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
AIRCRA ID C M66201 M66201 M66201	M66301 M66301 M66301 M66401 M66401	M66501 M66501 M66501 M66501	C00201 C00201 C00201 C00201	C00301 C00301 C00301 C00301 C00401 C00401	C00401 C00501 C00501 C00501 C00501	C00601 C00601 C00701 C00701 C00801

DATE OF LAST UPDATE 14 JAN 1988 14 JAN 1988	JAN	14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988 14 JAN 1988	JAN JAN JAN	14 JAN 1988 14 JAN 1988 14 JAN 1988
AIR SPEED 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS		160 KTS 160 KTS 160 KTS
SLANT RANGE 1000 FT 1000 FT		1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT		1000 FT 1000 FT 1000 FT
ENGINE NUMBER SAT 4	কক ক	ব বব	ਰਾਰਾ ਵਾਰਾ	ক ক	ਚਾ ਚਾ ਚਾ	य थ य प	(AB) 4 (AB) 4 3	ო ო ო	ო ოო
AIRCRAFT ENC DESCRIPTION PW-JT3D UNTREAT PW-JT3D UNTREAT	PW-JT3D UNIREAT PW-JT3D UNIREAT	PW-JT3D UNTREAT PW-JT3D UNTREAT PW-JT3D UNTREAT	PW-JT3D UNTREAT PW-JT3D UNTREAT CFM56 RETROFIT CFM56 RETROFIT	TF ALF-502R TF ALF-502R	PW-JT3D (LINED) PW-JT3D (LINED) PW-JT3D (LINED) PW-JT3D (LINED)	PW-JT3D (LINED) PW-JT3D (LINED) PW-JT3D (LINED) PW-JT3D (LINED)	OLYMPUS 593 TJ OLYMPUS 593 TJ TF CF6-6D TF CF6-6D		TF CF6 TF RB211-22B TF RB211-22B
AIRCRAFT NAME B-707-320B (N) B-707-320B (N)	ਜੋਜ਼ੇ	B-720B (N) DC-8-50 (N) DC-8-50 (N)	DC-8-60 (N) DC-8-60 (N) DC-8-70 (N) DC-8-70 (N)	BAE-146 BAE-146	B-707-320 (QN) B-707-320 (QN) B-707-320 (QN) B-707-320 (QN)	DC-8-60 (QN) DC-8-60 (QN) DC-8-60 (QN) DC-8-60 (QN)	CONCORDE CONCORDE DC-10-10 DC-10-10	DC-10-30 DC-10-30 DC-10-40	DC-10-40 L-1011 L-1011
OPERATION POWER DESCRIPTION TAKEOFF	TAKEOFF LANDING TAKEOFF	LANDING TAKEOFF LANDING	TAKEOFF LANDING TAKEOFF LANDING	TAKEOFF LANDING	TAKEOFF CRUISE LANDING INTERMEDIATE	TAKEOFF CRUISE LANDING INTERMEDIATE	TAKEOFF LANDING TAKEOFF LANDING	TAKEOFF LANDING TAKEOFF	LANDING TAKEOFF LANDING
PWR SETTING VALUERUNITS FIRST SECOND 15000 LBS 4000 LBS	15000 LBS 4000 LBS 15000 LBS	4000 LBS 15000 LBS 4000 LBS	15000 LBS 4000 LBS 15500 LBS 5000 LBS	100.0 % RPM 30.0 % RPM	15500 LBS 5000 LBS 3000 LBS 11000 LBS	15500 LBS 5000 LBS 3000 LBS 11000 LBS	32000 LBS 10000 LBS 36000 LBS 8000 LBS	36000 LBS 8000 LBS 36000 LBS	8000 LBS 36000 LBS
INTERP TYPE V V		> >>	>> >>	> >	>>>>	>>>>	>> >>	>> >	
AIRCRAFT ID OPC C00901 03 C00901 05	C01001 03 C01001 05 C01101 03		C01301 03 C01301 05 C01401 03 C01401 05	C01501 03 C01501 05	C01601 03 C01601 04 C01601 05 C01601 06	C01701 03 C01701 04 C01701 05 C01701 05	C01801 03 C01801 05 C01901 03 C01901 05	C02001 03 C02001 05 C02101 03	C02101 05 C02201 03 C02201 05

DATE OF LAST UPDATE 14 JAN 1988 14 JAN 1988	4 JAN 1988 4 JAN 1988 4 JAN 1988 4 JAN 1988 4 JAN 1988	4 JAN 1988 4 JAN 1988 4 JAN 1988 5 JAN 1988 6 JAN 1988	4 JAN 1988 4 JAN 1988 1 JAN 1988 1 JAN 1988 1 JAN 1988	1 JAN 1988 1 JAN 1988 1 JAN 1988 1 JAN 1988 2 JAN 1988 2 JAN 1988	2 JAN 1988 2 JAN 1988 4 JAN 1988 4 JAN 1988 4 JAN 1988
AIR SPEED L. 160 KTS 1.	160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14	160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14	160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14	160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 14 160 KTS 22 160 KTS 22	160 KTS 22 160 KTS 14 160 KTS 14 160 KTS 14
SLANT RANGE 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT 1000 FT
AIRCRAFT ENGINE DESCRIPTION NUMBER TF RB211-224B 3	JT8D (UNTREATED) 3 JT8D (UNTREATED) 3	JT8D (UNTREATED) 3 JT8D (UNTREATED) 3 JT8D (UNTREATED) 3 JT8D (AC-LINED) 3 JT8D (AC-LINED) 3 JT8D (AC-LINED) 3	JT8D (AC-LINED) 3	JT8D (AC-LINED) 3 JT8D (AC-LINED) 3 JT8D (AC-LINED) 3 HIGH TB CF6-50C2 2 HIGH TB CF6-50C2 2 CF6-80A/JT9D7R4 3 CF6-80A/JT9D7R4 3	CF6-80A/JT9D7R4 3 CF6-80A/JT9D7R4 3 HIGH TB CF6-80C2A2 2 HIGH TB CF6-80C2A2 2 CFM56-3B-1 2 CFM56-3B-1 2
AIRCRAFT NAME L-1011-500 L-1011-500	B-727-2D7 (N) B-727-2D7 (N) B-727-2D7 (N) B-727-1D7 (N) B-727-1D7 (N) B-727-1D7 (N)	B-727-2D15 (N) B-727-2D15 (N) B-727-2D15 (N) B-727-2QN9 (Q) B-727-2QN9 (Q) B-727-2QN9 (Q)	B-727-1QN7 (Q) B-727-1QN7 (Q) B-727-1QN7 (Q) B-727-2QN15 (Q) B-727-2QN15 (Q) B-727-2QN15 (Q)	B-727-2D17 (Q) B-727-2D17 (Q) B-727-2D17 (Q) A-300 A-300 B-767-CF6 B-767-CF6	B-767-JT9 B-767-JT9 A-310 A-310 B-737-300 B1 B-737-300 B1
OPERATION POWER DESCRIPTION TAKEOFF	TAKEOFF CRUISE LANDING TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING TAKEOFF LANDING TAKEOFF LANDING	TAKEOFF LANDING TAKEOFF LANDING TAKEOFF LANDING
PWR SETTING VALUEGUNITS FIRST SECOND 36000 LBS	14000 LBS 6000 LBS 3000 LBS 14000 LBS 6000 LBS 3000 LBS	14000 LBS 6000 LBS 3000 LBS 14000 LBS 6000 LBS 3000 LBS	14000 LBS 6000 LBS 3000 LBS 14000 LBS 6000 LBS 3000 LBS	14000 LBS 6000 LBS 3000 LBS 40000 LBS 10000 LBS 10000 LBS	10000 LBS 40000 LBS 10000 LBS 16000 LBS 4000 LBS
	>>> >>>	>>> >>>	>>> >>>	>>> >>	>> >> >>
AIRCRAFT INTERP ID OPC TYPE C02301 03 V C02301 05 V	C02401 03 C02401 04 C02401 05 C02501 03 C02501 04 C02501 05	C02601 03 C02601 04 C02701 03 C02701 05	C02801 03 C02801 04 C02801 05 C02901 03 C02901 04	C03001 03 C03001 04 C03001 05 C03101 03 C03201 03 C03201 05	C03301 03 C03301 05 C03401 03 C03501 03 C03501 05

DATE OF LAST UPDATE 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988	14 JAN 1988 14 JAN 1988 14 JAN 1988		14 JAN 1988 14 JAN 1988 14 JAN 1988			
AIR SPEED 1 160 KTS :	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	KTS KTS KTS	160 KTS 160 KTS 160 KTS			
SLANT RANGE 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT	1000 FT 1000 FT 1000 FT		1000 FT 1000 FT 1000 FT			
ENGINE NUMBER 2 2	ппп		пппппп	иии	000	ммм	000	000	иии	444
AIRCRAFT EN DESCRIPTION CFM56-3B-2 CFM56-3B-2	JT8D (UNTREATED) JT8D (UNTREATED) JT8D (UNTREATED)	RB183 MK555-15 RB183 MK555-15 RB183 MK555-15 RB183 MK555-15 RB183 MK555-15	RB183 MK555-15 RB183 MK555-15 RB183 MK555-15 RB183 MK555-15 RB183 MK555-15	JT8D (UNTREATED) JT8D (UNTREATED) JT8D (UNTREATED)	JT8D (UNTREATED) JT8D (UNTREATED)	JT8D (UNTREATED) JT8D (UNTREATED) JT8D (UNTREATED)	JT8D (AC-LINED) JT8D (AC-LINED) JT8D (AC-LINED)			
AIRCRAFT NAME B-737-300 B2 B-737-300 B2	BAC-111 BAC-111 BAC-111	F-28-MK2 F-28-MK2 F-28-MK2 F-28-MK2 F-28-MK2	F-28-MK4 F-28-MK4 F-28-MK4 F-28-MK4 F-28-MK4	DC-9-30D9 (N) DC-9-30D9 (N) DC-9-30D9 (N)	DC-9-10D7 (N) DC-9-10D7 (N) DC-9-10D7 (N)	222	DC-9-30QN9 (Q) DC-9-30QN9 (Q) DC-9-30QN9 (Q)	DC-9-10QN7 (Q) DC-9-10QN7 (Q) DC-9-10QN7 (Q)	B-737-QN9 (Q) B-737-QN9 (Q) B-737-QN9 (Q)	DC-9-50D17 (Q) DC-9-50D17 (Q) DC-9-50D17 (Q)
OPERATION POWER DESCRIPTION TAKEOFF LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING INTERMEDIATE TRAFFIC PATTERN	TAKEOFF CRUISE LANDING INTERMEDIATE TRAFFIC PATTERN	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING
PWR SETTING VALUERUNITS FIRST SECOND 16000 LBS 4000 LBS	14000 LBS 6000 LBS 3000 LBS	10000 LBS 4000 LBS 2000 LBS 8000 LBS 6000 LBS	10000 LBS 4000 LBS 2000 LBS 8000 LBS 6000 LBS	14000 LBS 6000 LBS 3000 LBS	14000 LBS 6000 LBS 3000 LBS	14000 LBS 6000 LBS 3000 LBS	14000 lbs 6000 lbs 3000 lbs	14000 LBS 6000 LBS 3000 LBS	14000 LBS 6000 LBS 3000 LBS	14000 LBS 6000 LBS 3000 LBS
INTERP TYPE V V	> > >	>>>>	>>>>	>>>	>>>	>>>	>>>	> > >	> > >	> > >
AIRCRAFT ID OPC C03601 03	C03701 03 C03701 04 C03701 05	C03801 03 C03801 04 C03801 05 C03801 06 C03801 13	C03901 03 C03901 04 C03901 05 C03901 06 C03901 13	C04001 03 C04001 04 C04001 05	C04101 03 C04101 04 C04101 05	C04201 03 C04201 04 C04201 05	C04301 03 C04301 04 C04301 05	C04401 03 C04401 04 C04401 05	C04501 03 C04501 04 C04501 05	C04601 03 C04601 04 C04601 05

DATE OF LAST UPDATE 14 JAN 1988 14 JAN 1988	JAN 1988 JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988	JAN 1988 JAN 1988 JAN 1988
	S 22 S 22 S 22 S 22	22 22 22 22 22 22 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	S 2 14 14 14 14 14 14 14 14 14 14 14 14 14	S S S 14 S S 14 S S 14 S S 14 14 14 14	S 14 14 14	S 14 S 14	3 14 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2 T T T T T T T T T T T T T T T T T T T
AIR SPEED 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS	160 KTS 160 KTS 160 KTS
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SLAN RANG 1000 1000	1000 1000 1000 1000	1000 1000 1000 1000	1000 1000 1000 1000	1000 1000 1000		1000 1000 1000	1000 1000 1000	1000 1000 1000	1000 1000 1000
NE NUMBER 2 2 2	0000	пппп	0000	000	000000	0 00 00	000	000	000
AIRCRAFT ENGINE DESCRIPTION NU JT8D (AC-LINED) JT8D (AC-LINED) JT8D (AC-LINED)	JIBD-209/217 JIBD-209/217 JIBD-209/217 JIBD-209/217	JT8D-209/217 JT8D-209/217 JT8D-209/217 JT8D-209/217	JT8D-209/217 JT8D-209/217 JT8D-209/217 JT8D-209/217	RB211-535 RB211-535 RB211-535	PW2037 PW2037 PW2037 PW2037 PW2037	TURBOJET & FAN TURBOJET & FAN TURBOJET & FAN	TF TPE 731-2 TP TPE 731-2 TP TPE 731-2	TJ CJ610-8 TJ CJ610-8 TJ CJ610-8	TF CF700 TF CF700 TF CF700
AIRCRAFT NAME B-737-D17 (Q) B-737-D17 (Q) B-737-D17 (Q)	MD-81 MD-81 MD-81 MD-81	MD-82 MD-82 MD-82 MD-82	MD-83 MD-83 MD-83	B-757-200-RR B-757-200-RR B-757-200-RR	B-757-200-PW* B-757-200-PW* B-757-200-PW* B-757-200-PW* B-757-200-PW*	COMPOS BUS JET COMPOS BUS JET COMPOS BUS JET	LEARUET-35 LEARUET-35 LEARUET-35	LEARJET-25 LEARJET-25 LEARJET-25	SABER-80 SABER-80 SABER-80
OPERATION POWER DESCRIPTION TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING INTERMEDIATE	TAKEOFF CRUISE LANDING INTERMEDIATE	TAKEOFF CRUISE LANDING INTERMEDIATE	TAKEOFF CRUISE LANDING	APPROACH POWER CRUISE POWER TRAFFIC PATTERN INTERMEDIATE POWER INTERMED POWER (MIL)	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING	TAKEOFF CRUISE LANDING
PWR SETTING VALUE&UNITS FIRST SECOND 14000 LBS 6000 LBS	16000 LBS 8000 LBS 4000 LBS 12000 LBS	16000 LBS 8000 LBS 4000 LBS 12000 LBS	16000 LBS 8000 LBS 4000 LBS 12000 LBS	30000 LBS 10000 LBS 5000 LBS	5000 LBS 12000 LBS 13000 LBS 24000 LBS 30000 LBS 36000 LBS	100.0 % RPM 60.0 % RPM 30.0 % RPM	2650 LBS 1500 LBS 1000 LBS	2600 LBS 1800 LBS 700.0 LBS	3750 LBS 2500 LBS 850.0 LBS
NTERP TYPE V V V	>>>>	>>>>	>>>>	>>>	> 0 > > >	>>>	>>>	>>>	>>>
RAFT IN OPC T 1 03 1 04 1 05	03 04 05	03 05 05	03 04 05	03 04 05	05 04 13 06 03	03 04 05	03 04 05	03 05 05	03 04 05
AIRCRAFT INTERP ID OPC TYPE C04701 03 V C04701 04 V C04701 05 V	C04801 (C04801	C04901 (C04901	C05001 (C05001	C05101 (C05101	C05201 C0	C05301 (C05301 (C0530) (C05301 (C0530) (C0530) (C05301 (C0530) (C05301 (C0530) (C0530) (C0530) (C0530) (C0530)	C05401 (C05401 (C05401 (C05501 C05501 C	C05601 (C05601 (C05601 (

H AIR DATE OF SPEED LAST UPDATE FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 03 MAR 1989 FT 160 KTS 03 MAR 1989	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	160 KTS 14 JAN 160 KTS 14 JAN	FT 160 KTS 14 JAN 1988 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 1988	160 KTS 14 JAN	160 KTS 14 JAN	160 KTS 14 JAN	FT 160 KTS 14 JAN 1988
SLANT RANGE 1000 FT 1000 FT	1000 F	1000 F	1000 F	1000 F 1000 F	1000 F	1000 F	1000 F	1000 F	1000 F	1000 F	00		00	<u>α</u>				O FT
AIRCRAFT ENGINE DESCRIPTION NUMBER TP PT6A-45AR 2 TP PT6A-45AR 2 TP PT6A-45AR 2	TP PT6A-27 2 2 TP PT6A-27 2	R2800-CB17 4 R2800-CB17 4	PIST>12500 2 PIST>12500 2	TP GE CT7-9B 2 TP GE CT7-9B 2 TP GE CT7-9B 2	TPE331-8 2	VAR PITCH PROP 1	FIXED PITCH PROP 1 FIXED PITCH PROP 1	TS10-520-L 2	1985 FLEET 1985 FLEET	T56-A-15 4	T3D-7A 4	JT9D-7A 4	JT9D-7A 4	DW4056	PW4056 4			PW4056 4
AIRCRAFT NAME SHORTS SD3-30 SHORTS SD3-30 SHORTS SD3-30	рнс-6 рнс-6	DC-6 R2800 DC-6 R2800	DC-3 R2800 DC-3 R2800	SAAB-340 SAAB-340 SAAB-340	CESSNA-441 TPROP CESSNA-441 TPROP	GASEPV VAR PTCH GASEPV VAR PTCH	GASEPF FIX PITCH GASEPF FIX PITCH	BEECH BARON 58P BEECH BARON 58P	COMPOS 1985 PISTON COMPOS 1985 PISTON	HERCULES-380 HERCULES-380	B-747-20A* B-747-20A*	B-747-20A* B-747-20A*	B-747-20A* B-747-20A*	B-747-400*	B-747-400*	B-747-400*	B-747-400*	B-747-400*
OPERATION POWER DESCRIPTION TAKEOFF CRUISE	TAKEOFF LANDING	TAKEOFF	TAKEOFF LANDING	TAKEOFF CRUISE LANDING	TAKEOFF LANDING	TAKEOFF LANDING	TAKEOFF LANDING	Takeoff Landing	TAKEOFF LANDING	TAKEOFF LANDING	APPROACH POWER CRUISE POWER	TRAFFIC PATTERN INTERMEDIATE POWER	INTERMED POWER (MIL) TAKEOFF POWER	ADDROACH DOWRR	CRUISE POWER	TRAFFIC PATTERN	INTERMEDIATE POWER	INTERMED POWER (MIL)
PWR SETTING VALUE&UNITS FIRST SECOND 100.0 % RPM 65.0 % RPM 35.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 85.0 % RPM 35.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 30.0 % RPM	100.0 % RPM 28.0 % RPM	8560 LBS 14000 LBS		40240 LBS 44940 LBS	Ser Jook				40000 LBS
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AIRCRAFT INTERP ID OPC TYPE C06801 03 V C06801 04 V C06801 05 V	C06901 03 C06901 05	C07001 03 C07001 05	C07101 03 C07101 05	C07201 03 C07201 04 C07201 05	C07301 03 C07301 05	C07401 03 C07401 05	C07501 03 C07501 05	C07601 03 C07601 05	C07701 03 C07701 05	C08101 03 C08101 05	C08301 05		C08301 14 C08301 03	208401 05				C08401 14

Summary of Flight Data in Noisefile 7

SLANT AIR	SE SPEED LA	0 FT 160 KTS 14 JAN	0 FT 160 KTS 14 JAN	0 FT 160 KTS 14 JAN	FT 160 KTS 14 JAN	0 FT 160 KTS 14 JAN			0 FT 160 KTS 14 TAN	WAT ALL DIES OF THE O	MAT AL ONY OAL THE O	O ET 150 PMG 14 DAN	FT 160 KTS 14 JAN	One of the o	NIS IT OWN	OFT TOURTS LAUAN	NET TOO VIE TA ON	FT 160 KTS 14 JAN	0 FT 160 KTS 14 JAN		4 0 FT 160 KTS 14 JAN 1988	THE PER 15 TANK	OFT TOURIS 14 JAN	FT 160 KTS 14 JAN	2 0 FT 160 KTS 14 JAN 1988	2 0 FT 160 KTS 14 JAN 1988	FT 160 KTS	2 0 FT 160 KTS 14 JAN 1988	0 FT 160 KTS 14 JAN	FT 160 KTS 14 JAN	2 0 FT 160 KTS 14 JAN 1988	FT 160 KTS 14 JAN	2 0 FT 160 KTS 14 JAN 1988	0 FT 160 KTS 14 JAN	FT 160 KTS 14 JAN	2 0 FT 160 KTS 14 JAN 1988	
AIRCRAFT ENGINE	Z	CFM56-3C-1	CFM56-3C-1	CFM56-3C-1	CFM56-3C-1	CFM56-3C-1	CFM56-3C-1	CFW56-3B-1	CFM56-3B-1	1 22 2011	CEMBO-SB-L	T-SC-SCHOOL	CFM56-3B-1	0.50 4047	000	PW4000	000#44	PW4 060	PW4060	PW4060	ALF502R-5	A GCOSTA	ALF 302K-3	TAY 620-15	TAY 620-15	TAY 650-15	TAY 650-15	TFE731-3-100S	TFE731-3-100S	TFE731-3-100S	TAY 611	TAY 611	CFM56-5A-1	CFM56-5A-1	CFM56-5A-1	CF700-2D-2	
AIRCRAFT	NAME	B-737-400*	B-737-400*	B-737-400*	B-737-400*	B-737-400*	B-737-400*	B-737-500*	B-737-500*	131 500 131 500	D-/3/-300"	D-131-000:	B-737-500*	1000	1000	B-/6/-300*	1000 IVI	B-767-300*	B-767-300*	B-767-300*	BAE-300*	#000 BKB	BAE-300*	F10062*	F10062*	F10065*	F10065*	CIT3*	CIT3*	CIT3*	#AID	%AID*	A320*	A320*	A320*	FALCON 20*	
OPERATION POWER	DESCRIPTION	APPROACH POWER	CRUISE POWER	TRAFFIC PATTERN	INTERMEDIATE POWER	INTERMED POWER (MIL)	TAKEOFF POWER	APPROACH POWER	CRITTSE DOWER	CASTOL COMME	INTERNATIONAL DOMED	INIENWEDIAIE FOREN			AFFROACH FOWER	CKOLSE POWER	IKAR I C FAILERN		INTERMED POWER (MIL)	TAKEOFF POWER	APPROACH POWER	CENTRE DECEMBER	TAKEUFF POWER	APPROACH POWER	TAKEOFF POWER	APPROACH POWER	TAKEOFF POWER	APPROACH POWER	CRITISE POWER	TAKEOFF POWER	APPROACH POWER	TAKEOFF POWER	APPROACH POWER	CRUISE POWER	TAKEOFF POWER	APPROACH POWER	
PWR SETTING VALUE&UNITS	FIRST SECOND	LBS	LBS	LBS	LBS	LBS	LBS	1.89	201	501	LBS	LDS.	LBS			LBS	ribs	LBS	LBS	IBS	1.83		res	LBS	IBS	TBS	TIBS	283			I.BS		LBS			LBS	
INTERP PWR S	TYPE FI		P 6180	V 9880	V 13190	V 17273	v 21180	17 3690			7 9880	V 13190							V 33000	V 41000	v 1600		V 5200	V 4496	V 13489	V 4496	-	0 088 0		v 3000	V 4496	-	v 8992	_		V 850.0	
AIRCRAFT IN	ID OPC I	C08501 05	C08501 04	C08501 13	C08501 06	C08501 14	C08501 03	30 103000					C08601 14						C08701 14	C08701 03	708801		C08801 03	C08901 05	C08901 03	C09001 05		700501			50 103602		C09701 05			C09801 05	

Summary of Flight Data in Noisefile 7

DATE OF	14 JAN 1988	14 JAN 1988	14 JAN 1988	14 JAN 1988	02 OCT 1990	02 OCT 1990	02 OCT 1990	02 OCT 1990	b	02 OCT 1990	21 DEC 1990	21 DEC 1990	21 DEC 1990		21 DEC 1990	21 DEC 1990
AIR	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS	160 KTS
SLANT	O FT	0 FT	O FT	0 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT	1000 FT
BINE	7	73	73	7	ო	က	m	m	m	E	ю	m	ю	e	e	ю
AIRCRAFT ENGINE	PW123	PW123	PW123	PW123	JT8D-7 EM-BI	JT8D-7 EM-BI	JT8D-7 EM-BI	JT8D-7 EM-BI	JT8D-7 EM-BI	JT8D-7 EM-BI	JT8D-15 EM-BI	JT8D-15 EM-BI	JT8D-15 EM-BI	JT8D-15 EM-BI	JT8D-15 EM-BI	JT8D-15 EM-BI
AIRCRAFT NAME	DHC-830*	DHC-830*	DHC-830*	DHC-830*	B-727-EM7	B-727-EM7	B-727-EM7	B-727-EM7	B-727-EM7	B-727-EM7	B-727-EM5	B-727-EM5	B-727-EM5	B-727-EM5	B-727-EM5	B-727-EM5
OPERATION POWER DESCRIPTION	APPROACH POWER	CRUISE POWER	INTERMEDIATE POWER	TAKEOFF POWER	TAKEOFF POWER	INTERMED POWER (MIL)	INTERMEDIATE POWER	TRAFFIC PATTERN	CRUISE POWER	LANDING	TAKEOFF POWER	INTERMED POWER (MIL)	INTERMEDIATE POWER	TRAFFIC PATTERN	CRUISE POWER	LANDING
PWR SETTING VALUEGUNITS FIRST SECOND		×	×	×												
PWR SETTI	35.0 % RP	40.0 % RPM	90.0 % RP	100.0 % RF	14000 LBS	12000 LBS	10000 LBS	7000 LBS	5000 LBS	3000 LBS	14000 LBS	12000 LBS	10000 LBS	7000 LBS	5000 LBS	3000 LBS
NTERP		Д	٥	>	>	>	>	٥	٥	>	>	>	٥	۸	>	>
AIRCRAFT INTERP ID OPC TYPE		C09901 04	C09901 06	C09901 03	C10001 03 .	C10001 14	C10001 06	C10001 13	C10001 04	C10001 05	C10101 03	C10101 14	C10101 06	C10101 13	C10101 04	C10101 05

profiles are available for these aircraft. These SEL and EPNL profiles are available in file INM10SEL.DAT which is not included in this The asterisk at the end of the aircraft name is used to flag special case civilian flight data. These special case civilian flight data do not have 1/3 octave band reference spectra in Noisefile 7. Only Sound Exposure Level (SEL) and Effective Perceived Noise Level (EPNL) report.

APPENDIX D

Summary of Ground Runup Data in Noisefile 7

This Appendix contains the summary listing of all ground runup (static) data in Noisefile 7. The summary listing is in sequence by aircraft ID. Each line in this summary describes one aircraft power condition which is defined in one dataset in the database.

DATE OF LAST UPDATE 15 MAR 1990 15 MAR 1990 15 MAR 1990	15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990	MAR MAR MAR	15 MAR 1990 15 MAR 1990 15 MAR 1990	15 MAR 1990 15 MAR 1990 15 MAR 1990	19 MAY 1978	19 MAY 1978 19 MAY 1978	21 NOV 1990 21 NOV 1990 21 NOV 1990 21 NOV 1990	20 FEB 1991 20 FEB 1991 20 FEB 1991	02 JUN 1976 02 JUN 1976 02 JUN 1976	26 MAY 1976 26 MAY 1976 26 MAY 1976
SUPPRESSION SYSTEM HUSH HOUSE HUSH HOUSE	HUSH HOUSE HUSH HOUSE HUSH HOUSE		HUSH HOUSE HUSH HOUSE	HUSH HOUSE HUSH HOUSE	SUPPRESSORS	SUPPRESSORS	NONE NONE NONE	NONE NONE	NONE NONE	NONE NONE
FT ENGINE ON NUMBER 1 1	ਜਜਜ ਜ	ानन नन	ннн	ਜਜਜ	rd	ਜ ਜ	ਜਜਜਜ	ਜਜਜ	иии	ਜਜਜ
AIRCRAFT DESCRIPTION F100-PW-100 F100-PW-100	775-P-17 775-P-17 775-P-17	775-P-19 775-P-19 779-GE-15	TF30-P-100 TF30-P-100 TF30-P-100	TF41-A-1 TF41-A-1 TF41-A-1					J57-P-10 J57-P-10 J57-P-10	J52-P-8B J52-P-8B J52-P-8B
AIRCRAFT NAME F100-PW-100 F100-PW-100	J75-P-17 J75-P-17 J75-P-19	775-P-19 775-P-19 779-GE-15	TF30-P-100 TF30-P-100 TF30-P-100	TF41-A-1 TF41-A-1 TF41-A-1	GRADE I	GRADE II GRADE III	TEST CELL TEST CELL TEST CELL	TEST STAND TEST STAND	A-3 A-3 A-3	A-4C A-4C A-4C
POWER DESCRIPTION MAX FWR A/B MIL FWR 80 % RPM ENG RUNUP	MAX PWR A/B MIL PWR 90 % RPM ENG RUNUP MAX PWR A/B	MIL FWR 90 % RPM ENG RUNUP MIL FWR 85 % RPM ENG RUNUP	MAX PWR A/B MIL PWR 85 % RPM ENG RUNUP	MIL PWR MAX CONT PWR 85 % RPM ENG RUNUP	MAX PWR A/B	MAX PWR A/B MAX PWR A/B	MAX EWR A/B MAX CONT PWR IDLE 80 % RPM ENG RUNUP	20000 LBS THRUST 4000 LBS THRUST IDLE	MIL PWR IDLE 70 % RPM ENG RUNUP	MIL PWR IDLE 75 % RPM ENG RUNUP
24 24 24		8349 LBS/HR 2980 LBS/HR		12854 LBS 10992 LBS 5118 LBS						8000 LBS/HR 800.0 LBS/HR 1500 LBS/HR
POWER SETTING VALUES AND UNITS FIRST SECOND THIRD 92.0 % RPM 2.40 EPR 41593 LBS/H 92.0 % RPM 2.40 EPR 8582 LBS/H 80.0 % RPM 1.07 EPR 2774 LBS/H	19825 LBS 13260 LBS 4630 LBS 21753 LBS			8903 LBS/HR 7409 LBS/HR 3401 LBS/HR						650.0 C EGT 250.0 C EGT 300.0 C EGT
	103.0 % RPM 103.0 % RPM 90.0 % RPM 103.0 % RPM	was asas	96.0 % RPM 96.0 % RPM 85.0 % RPM	99.0 % RPM 95.0 % RPM 85.0 % RPM	100.0 % RPM	100.0 % RPM	100.0 % RPM 100.0 % RPM 70.0 % RPM 80.0 % RPM	20000 LBS 4000 LBS 500.0 LBS	97.0 % RPM 53.0 % RPM 70.0 % RPM	99.0 % NC 57.0 % NC 75.0 % NC
INTERJ TYPE F V	14 >	. > > > >	E4 >>	>>>	<u> [24</u>	Et Et	E > > >	>>>	>>>	>>>
AIRCRAFT INTERP ID OPC TYPE M00101 03 F M00101 04 V M00101 19 V	M00102 03 M00102 04 M00102 17 M00103 03		M00105 03 M00105 04 M00105 18	M00106 04 M00106 05 M00106 18	M00107 03	M00108 03	MOO110 03 MOO110 05 MOO110 13 MOO110 19	MOO111 04 MOO111 09 MOO111 13	M00201 04 M00201 13 M00201 21	M00301 04 M00301 13 M00301 20

DATE OF LAST UPDATE 31 OCT 1975 31 OCT 1975 31 OCT 1975	31 OCT 1975 31 OCT 1975 31 OCT 1975 04 NOV 1975 04 NOV 1975 04 NOV 1975 04 NOV 1975	15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990	06 NOV 1975 06 NOV 1975 06 NOV 1975 07 MAR 1983 07 MAR 1983 07 MAR 1983	06 FEB 1976 06 FEB 1976 06 FEB 1976 12 FEB 1976 12 FEB 1976 25 FEB 1976
SUPPRESSION SYSTEM NONE NONE	NONE NONE NONE NONE NONE NONE NONE	AF32A-19 AF32A-19 AF32A-19 AF32A-24 AF32A-24 AF32A-24 AF32A-24	NONE NONE NONE NONE NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE NONE
number 2 2 2 2 2 2	иии непен	नननन नननन	निसन निस्तन्त	77777
S				0 0 0 0 0 0 1 7 7 7 7 7 7 7 7 7 7 7 7 7
AIRCRAFT DESCRIPTION J79-GE-8C J79-GE-8C J79-GE-8C	J52-P-8A J52-P-8A J52-P-8A TF41-A-2 TF41-A-2 TF41-A-2 TF41-A-2	TF41-A-1 TF41-A-1 TF41-A-1 TF41-A-1 TF41-A-1 TF41-A-1 TF41-A-1	F402-RR-401 F402-RR-401 F402-RR-405 F402-RR-405 F402-RR-405 F402-RR-405 F402-RR-405	TF34-GE-100 TF34-GE-100 TF34-GE-100 J85-GE-17A J85-GE-17A J85-GE-17A R-2800-99W, R-2800-99W, R-2800-99W, R-2800-99W, R-2800-99W, R-2800-99W, R-2800-99W,
AIRCRAFT NAME A-5C A-5C A-5C A-5C	A-6A A-6A A-6A A-7E A-7E A-7E	A-7 A-7 A-7 A-7 A-7 A-7 A-7	AV-8A AV-8A AV-8B AV-8B AV-8B AV-8B AV-8B	A-10A A-10A A-10A A-10A A-37B A-37B A-37B AC-123K AC-123K AC-123K AC-123K
POWER DESCRIPTION MAX PWR A/B MIL PWR IDLE 80 % RPM ENG RUNUP	MIL PWR IDLE 75 % RPM ENG RUNUP INTERNED PWR (MIL) IDLE 85 % RPM ENG RUNUP 70 % RPM ENG RUNUP MAX PWR	MIL PWR IDLE 85 % RPM ENG RUNUP 70 % RPM ENG RUNUP MIL PWR POWER RUNUP IDLE 85 % RPM ENG RUNUP	55 % RPM ENG RUNUP 50 FT HOVER MAX CONT PWR IDLE 85 % RPM ENG RUNUP 70 % RPM ENG RUNUP 55 % RPM ENG RUNUP	MAX CONT PWR IDLE TAKEOFF PWR MIL PWR IDLE 85 % RPM ENG RUNUP MACANETO CHECK METO WITH JETS IDLE TAKI METO NO JETS
D UNITS THIRD 44500 LBS/HR 7800 LBS/HR 1000 LBS/HR 2000 LBS/HR	8000 LBS/HR 1500 LBS/HR 1500 LBS/HR 590.0 C TOT 432.0 C TOT 400.0 C TOT 574.0 C TOT 574.0 C TOT	572.0 C EGT 416.0 C EGT 438.0 C EGT 400.0 C EGT	1200 LBS/HR 2820 LBS/HR 12360 LBS/HR	2100 LBS/HR 400.0 LBS/HR 2750 LBS/HR 2250 LBS/HR 1250 LBS/HR 1250 LBS/HR
POWER SETTING VALUES AND UNITS FIRST SECOND 44500 LBS/H 0.0 % RPM 630.0 C EGT 7800 LBS/H 5.0 % RPM 400.0 C EGT 1000 LBS/H 0.0 % RPM 375.0 C EGT 2000 LBS/H	650.0 C EGT 250.0 C EGT 300.0 C EGT 9000 LBS/HR 1200 LBS/HR 1550 LBS/HR 8200 LBS/HR	8000 LBS/HR 1000 LBS/HR 3200 LBS/HR 1500 LBS/HR 1600 LBS/HR 1000 LBS/HR 3700 LBS/HR	325.0 C EGT 350.0 C EGT 680.0 C EGT 11400 LBS/HR 7920 LBS/HR 4800 LBS/HR 2880 LBS/HR	91.0 % NC 64.0 % NC 95.0 % NC 574.0 C EGT 355.0 C EGT 490.0 C EGT 22.0 IN HG 55.0 IN HG 18.0 IN HG 17.0 IN HG
, 55,50	99.0 % RPM 60.0 % RPM 75.0 % RPM 94.0 % NC 55.0 % NC 70.0 % NC	96.0 % RPM 55.0 % RPM 85.0 % RPM 70.0 % RPM 97.7 % RPM 70.0 % RPM 54.4 % RPM	27.0 % RPM 55.0 % RPM 98.0 % RPM 95.0 % RPM 27.0 % RPM 70.0 % RPM 75.0 % RPM	5475 NF 1778 NF 5970 NF 46.0 % RPM 46.0 % RPM 85.0 % RPM 2200 RPM 2700 RPM 650.0 RPM 2700 RPM
INTERP TYPE F V V	>>> >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	>>>>	>>> >>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	
AIRCRAFT ID OPC M00401 03 M00401 13 M00401 13	M00501 04 M00501 13 M00501 20 M00601 13 M00601 18 M00601 21 M00601 31	MO0602 04 M00602 18 M00602 21 M00603 04 M00603 09 M00603 13	MO0701 13 MO0701 24 MO0701 26 MO0702 13 MO0702 13 MO0702 21 MO0702 21	MO0901 05 M00901 13 M00901 30 M01001 04 M01001 18 M01101 10 M01101 10 M01101 13 M01101 13 M01101 13

\$ RPM 1310 C TIT \$ RPM 1317 C TIT \$ RPM 848.0 C TIT PLA 95.0 \$ NC PLA 95.0 \$ NC PLA 73.0 \$ NF PRM 1.35 EPR 2.45 EPR 2.45 EPR 2.45 EPR 2.45 EPR 2.45 EPR 1.85/HR 1.05 EPR 1.85/HR 1.05 EPR 1.85/HR 1.62 EPR 1.85/HR 1.62 EPR 1.85/HR 1.62 EPR 23.0 \$ NF EPR 63.0 \$ NF EPR 63.			NAME	DESCRIPTION	NUMBER	SYSTEM	DATE OF LAST UPDATE
PM 848.0 C TIT 104.0 % NC 95.0 % NC 73.0 % NC 73.0 % NC 73.0 % NC 1.05 EPR 1.35 EPR 1.05 EPR 1.35 EPR 1.05 EPR		MAX PWR A/B	L-4 .	F101-GE-100		NONE	
PM 1.05 EPR		INTERMED PWR (MIL)	T-8	F101-GE-100		NONE	
104.0 % NC 95.0 % NC 73.0 % NC 73.0 % NC 1.05 EPR 1.06 EPR 1.07 EPR 1.08 EPR 1.08 EPR 1.08 EPR 1.09 EPR 1.00 EP		TDLE	B-1	F101-GE-100	4	NONE	16 MAR 1990
PM 1.05 EPR		MIL PWR	B-2A	F118-GE-100	4	NONE	1995 ATTA 1995
PM 1.05 EPR 2.04 EPR 1.35 EPR 2.04 EPR 1.35 EPR 2.04 EPR 1.05 EPR 1.05 EPR 1.05 EPR 1.06 EPR 1.06 EPR 1.07 EPR 23.0 % NF 23.0 IN HG 20.0 IN		MAX CONT PWR	B-2A	F118-GE-100		NONE	PI P
PM 1.05 EPR 2.04 EPR 1.05 EPR 2.04 EPR 1.35 EPR 2.04 EPR 1.35 EPR 1.05 EPR		IDLE	B-2A	F118-GE-100		NONE	214
PM 1.05 EPR 1.05 EPR 1.35 EPR 1.33 EPR 1.33 EPR 1.68 EPR 1.62 EPR 1.63 EPR		85 % RPM ENG RUNUP	B-2A	F118-GE-100		NONE	AUG
PM 2.04 EPR 1.35 EPR 2.04 EPR 1.35 EPR 1.35 EPR 1.33 EPR 1.05 EPR	0	IDLE	В-52В&D&E	J57-P-19W	80	NONE	13 DEC 1976
PM 1.35 EPR 1.05 EPR 1.06 EPR	0	90 % RPM ENG RUNUP	В-52В&D&E	J57-P-19W		NONE	DEC
PM 2.45 EPR 1.05 EPR 2.04 EPR 1.35 EPR 1.33 EPR 1.33 EPR 1.33 EPR 1.33 EPR 1.33 EPR 1.68 EPR 1.68 EPR 1.68 EPR 1.62 EPR 1.63 EPR 1.64 EPR 1.65 EPR	ບ 0	80 % RPM ENG RUNUP	B-52B&D&E	J57-P-19W		NONE	DEC
PM 1.05 EPR 2.04 EPR 1.35 EPR 1.35 EPR 1.35 EPR 1.33 EPR 1.33 EPR 1.62 EPR 1.63 EPR 1.63 EPR 1.62 EPR 1.63 EPR 1.63 EPR 1.64 EPR 1.65 EPR		MAX PWR	В-52В&D&E	J57-P-19W	80	NONE	
PM 2.04 EPR 2.45 EPR 1.35 EPR 2.45 EPR 1.35 EPR 1.33 EPR 1.33 EPR 1.62 EPR 1.63 EPR 1.64 EPR 1.65 EPR		IDLE	B-52G	J57-P-43WA		NONE	18 DEC 1975
PM 1.35 EPR 1.45 EPR 1.45 EPR 1.05 EPR 1.33 EPR 1.62 EPR 1.63 EPR 1.63 EPR 1.64 EPR 1.65 EPR	520.0 C EGT	90 % RPM ENG RUNUP	B-52G	4WE 4-0-777.	, c	ENOW FINOM	
PM 2.45 EPR 1.05 EPR 1.33 EPR 1.08 EPR 1.68 EPR 1.68 EPR 1.62 EPR 1.62 EPR 1.62 EPR 1.62 EPR 1.62 EPR 1.63 EPR 1.64 EPR 1.65 EPR	บ	ENG	B-52G	.157-P-43WA		NOME	בי בי בי
/HR 1.05 EPR 1.33 EPR 1.33 EPR 1.68 EPR 1.62 EPR 1.63.0 % NF 1.63.0 % NF 1.63.0 % NF 1.90.0 % NF 1.90.0 IN HG 1.90.	ບ ດ		B-52G	J57-P-43WA		NONE	DEC
/HR 1.33 EPR 1.68 EPR 1.68 EPR 1.68 EPR 1.62 EPR 1.63 EPR 1.64 EPR 1.65 EPR	60.0 % RPM	IDLE	B-52H	TF33_D=3	α	MONTE	5
/HR 1.08 EPR 1.08 PR 1.68 EPR 1.62 E.3.0 % NF 63.0 % NF 63.0 % NF 90.0 % NF 1.9.0 IN HG 19.0 IN HG 50.0 IN HG 50.		95 % RPM ENG RUNUP	B-52H	TF33-P-3		NONE	
/HR 1.68 EPR 1 /HR 1.62 EPR 1 PM PM 42.0 % NF 23.0 % NF 79.0 % NF 63.0 % NF 90.0 % NF 19.0 IN HG 20.0 IN HG 50.0 IN HG	%	80 % RPM ENG RUNUP	B-52H	TF33-P-3		NONE	N A
PM 42.0 % NF 23.0 % NF 79.0 % NF 63.0 % NF 90.0 % NF 19.0 IN HG 20.0 IN HG 50.0 I	104.0 % RPM	MAX PWR	B-52H	TF33-P-3	0 00	NONE	WAV
PM 42.0 % NF 23.0 % NF 79.0 % NF 63.0 % NF 90.0 % NF 35.0 IN HG 19.0 IN HG 20.0 IN HG 50.0 IN HG 50.0 IN HG	100.0 % RPM	NORMAL RATED THRUST	в-52н	TF33-P-3		NONE	MAY
PM 42.0 % NF 23.0 % NF 79.0 % NF 63.0 % NF 90.0 % NF 19.0 IN HG 20.0 IN HG 50.0 IN HG 50.0 IN HG 50.0 IN HG		MIL PWR	B-57E&G	J65-W-5/J65-W-5D	77	NONE	31 MAR 1976
42.0 % NF 23.0 % NF 79.0 % NF 63.0 % NF 90.0 % NF 19.0 IN HG 19.0 IN HG 20.0 IN HG 50.0 IN HG 50.0 IN HG		IDLE	B-57E&G	J65-W-5/J65-W-5D	7	NONE	MAR
42.0 % NF 23.0 % NF 79.0 % NF 63.0 % NF 90.0 % NF 35.0 IN HG 20.0 IN HG 50.0 IN HG 50.0 IN HG 50.0 C EGT		85 % RPM ENG RUNUP	B-57E&G	J65-W-5/J65-W-5D	7	NONE	MAR
23.0 % NF 79.0 % NF 63.0 % NF 90.0 % NF 35.0 IN HG 20.0 IN HG 50.0 IN HG 375.0 C EGT	2300 LBS/HR	HIGH IDLE	C-5A	TF39-GE-1A	4	NONE	15 MAR 1990
79.0 % NF 63.0 % NF 90.0 % NF 19.0 IN HG 20.0 IN HG 50.0 IN HG 375.0 C EGT		IDLE	C-5A	TF39-GE-1A	4	NONE	MAR
63.0 % NF 90.0 % NF 35.0 IN HG 20.0 IN HG 50.0 IN HG 375.0 C EGT		80 % RPM ENG RUNUP	C-5A	TF39-GE-1A	4	NONE	MAR
90.0 % NF 35.0 IN HG 20.0 IN HG 50.0 IN HG 375.0 C EGI 510.0 C EGI		65 % RPM ENG RUNUP	C-5A	TF39-GE-1A	4 N	NONE	MAR
35.0 IN HG 19.0 IN HG 20.0 IN HG 50.0 IN HG 375.0 C EGT 510.0 C EGT	11000 LBS/HR	MAX PWR	C-5A	TF39-GE-1A	4	NONE	15 MAR 1990
19.0 IN HG 20.0 IN HG 50.0 IN HG 375.0 C EGT 510.0 C EGT		POWER RUNUP	C-7A	R-2000-7M2		NONE	18 MAY 1976
RPM 20.0 IN HG RPM 50.0 IN HG EPR 375.0 C EGT EPR 510.0 C EGT		IDLE	C-7A	R-2000-7M2	2	NONE	MAY
EPR 50.0 IN HG EPR 375.0 C EGT EPR 510.0 C EGT		TAXI	C-7A	R-2000-7M2		NONE	MAY
EPR 375.0 C EGT 510.0 C EGT		MAX PWR	C-7A	R-2000-7M2	7	NONE	MAX
EPR 510.0 C EGT	_	IDLE	C-9A	JT8D-9A		NONE	06 FEB 1976
	_	TAKEOFF PWR	C-9A	JT8D-9A	, N	NONE	FEB
EPR 460.0 C EGT	_	1.7 EPR	C-9A	JT8D-9A		NONE	FEB
1.80 EPR 480.0 C EGT (6600 LBS/HR	1.8 EPR	C-9A	JT8D-9A	7	NONE	FEB

DATE OF LAST UPDATE 25 JUN 1996 25 JUN 1996 25 JUN 1996 25 JUN 1996	29 DEC 1988 29 DEC 1988 29 DEC 1988 29 DEC 1988 29 DEC 1988	29 OCT 1985 29 OCT 1985 29 OCT 1985 29 OCT 1985 29 OCT 1985	03 OCT 1991 03 OCT 1991 03 OCT 1991 03 OCT 1991	21 MAY 1976 21 MAY 1976 21 MAY 1976 21 MAY 1976 18 MAY 1976 18 MAY 1976 18 MAY 1976 18 MAY 1976	MAY MAY MAY MAY MAY	13 DEC 1976 13 DEC 1976 13 DEC 1976 13 DEC 1976
SUPPRESSION SYSTEM NONE NONE NONE	NONE NONE NONE NONE NONE	NONE NONE NONE NONE	NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE	NONE NONE NONE NONE NONE	NONE NONE NONE
ENGINE NUMBER 4 4 4 4 4	ਚ ਚ ਚ ਚ ਚ	00000	мммм	અંચયં પાપાપા	থ	च च च च
AIRCRAFT DESCRIPTION F117-PW-100 F117-PW-100 F117-PW-100 F117-PW-100	TF33-PW-102A TF33-PW-102A TF33-PW-102A TF33-PW-102A TF33-PW-102A	TFE-731-2-2B TFE-731-2-2B TFE-731-2-2B TFE-731-2-2B	JT8D-7B JT8D-7B JT8D-7B JT8D-7B	R-2800-52W R-2800-52W R-2800-52W R-2800-52W R3350-89B R3350-89B R3350-89B	R3350-89B R3350-93A R3350-93A R3350-93A R3350-93A	T56-A-9 T56-A-9 T56-A-9 T56-A-9
AIRCRAFT NAME C-17 C-17 C-17 C-17 C-17	C-18A C-18A C-18A C-18A C-18A C-18A	C-21A C-21A C-21A C-21A	C-22 C-22 C-22	C-118 C-118 C-118 C-119 C-119 C-119 C-119 C-119 C-119 C-119	C-1191. C-121. C-121. C-121. C-121.	C-130A&D C-130A&D C-130A&D C-130A&D
POWER DESCRIPTION INTERMED PWR (MIL) IDLE MAX PWR CRUISE POWER DERATED THRUST	TRIM CHECK IDLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP 70 % RPM ENG RUNUP MAX PWR	MIL PWR IDLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP 70 % RPM ENG RUNUP	IDLE TAKEOFF PWR 1.7 EPR 1.8 EPR	MAGNETO CHECK IDLE TAXI TAKEOFF PWR MAGNETO CHECK IDLE TAXI MAX PWR	PROP SPEED CHECK MAGNETO CHECK IDLE TAXI MAX PWR PROP SPEED CHECK	POWER RUNUP LOW IDLE IDLE TAKEOFF PWR
D UNITS	7800 LBS/HR 1200 LBS/HR 4900 LBS/HR 2400 LBS/HR 1600 LBS/HR 10000 LBS/HR	1719 IBS/HR 520.0 IBS/HR 1359 IBS/HR 984.0 IBS/HR 736.0 IBS/HR	1000 LBS/HR 8000 LBS/HR 5800 LBS/HR 6600 LBS/HR			1400 LBS/HR 650.0 LBS/HR 780.0 LBS/HR 2000 LBS/HR
SECTING VALUES AND UNITS- SECOND THIRD 1.25 EPR 1.00 EPR 1.40 EPR 1.135 EPR	97.0 % RPM 57.0 % RPM 90.0 % RPM 80.0 % RPM 70.0 % RPM	818.0 C EGT 560.0 C EGT 750.0 C EGT 683.0 C EGT 623.0 C EGT	375.0 C EGT 510.0 C EGT 460.0 C EGT 480.0 C EGT	27.5 IN HG 13.0 IN HG 24.0 IN HG 62.0 IN HG 28.5 IN HG 25.0 IN HG 24.5 IN HG	ia aaaaa	9600 IN-LBS 800.0 IN-LBS 1400 IN-LBS 16800 IN-LBS
FIRST 92.0 % NC 77.0 % NC 95.0 % NC 86.0 % NC	1.63 EPR 1.06 EPR 1.33 EPR 1.10 EPR 1.07 EPR 1.84 EPR	96.0 % NC 60.0 % NC 90.0 % NC 80.0 % NC 70.0 % NC	1.05 EPR 2.00 EPR 1.70 EPR 1.80 EPR	2050 RPM 800.0 RPM 1000 RPM 2800 RPM 750.0 RPM 1000 RPM		775.0 C TIT 625.0 C TIT 560.0 C TIT 970.0 C TIT
INTERP TYPE V V V V V V V	>>>>>	>>>>>	>>>>		>> >>>>	>>>>
AIRCRAFT I ID OPC M02001 06 M02001 13 M02001 58 M02001 59	M02101 07 M02101 13 M02101 17 M02101 19 M02101 21 M02101 31	M02301 04 M02301 13 M02301 17 M02301 19 M02301 21	M02401 13 M02401 30 M02401 32 M02401 33	M02601 08 M02601 13 M02601 15 M02601 30 M02701 08 M02701 15 M02701 15		M02901 09 M02901 11 M02901 13 M02901 30

DATE OF LAST UPDATE 01 APR 1976 01 APR 1976 01 APR 1976	14 DEC 1976 14 DEC 1976 14 DEC 1976 14 DEC 1976	19 FEB 1976 19 FEB 1976 20 FEB 1976 19 FEB 1976	07 APR 1976 07 APR 1976 07 APR 1976 07 APR 1976	15 FEB 1989 15 FEB 1989 15 FEB 1989 15 FEB 1989 15 FEB 1989	15 MAR 1990 15 MAR 1990 15 MAR 1990	15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990	03 OCT 1991 03 OCT 1991 03 OCT 1991 03 OCT 1991 03 OCT 1991
SUPPRESSION SYSTEM NONE NONE	NONE NONE NONE	NONE NONE NONE	NONE NONE NONE	NONE NONE NONE NONE NONE	AF32A~52 AF32A~52 AF32A~52	NONE NONE NONE NONE	NONE NONE NONE NONE NONE
ENGINE NUMBER 4 4 4	ਚ ਚ ਚ ਚ	пппп	ਚਾ ਦਾ ਚਾ	ਚਾ ਚਾ ਚਾ ਚਾ ਚਾ	ਥ ਦਾ ਦਾ	ਚ ਚ ਚ ਚ ਚ	च च च च च च
AIRCRAFT DESCRIPTION TS6-A-7 TS6-A-7 TS6-A-7	T56-A-15 T56-A-15 T56-A-15 T56-A-15	R-2800-103W R-2800-103W R-2800-103W R-2800-103W	757-2-59W 757-2-59W 757-2-59W	TF33-P-5 TF33-P-5 TF33-P-5 TF33-P-5 TF33-P-5	J57-P-59W J57-P-59W J57-P-59W	F108-CF-100 F108-CF-100 F108-CF-100 F108-CF-100	TF33-P-5 TF33-P-5 TF33-P-5 TF33-P-5 TF33-P-5
AIRCRAFT	C-130Henep C-130Henep C-130Henep C-130Henep	C-131B C-131B C-131B C-131B	C-135A C-135A C-135A C-135A	C-135B C-135B C-135B C-135B C-135B	KC-135A KC-135A KC-135A	KC-135R KC-135R KC-135R KC-135R	C-137 C-137 C-137 C-137 C-137 C-137
POWER DESCRIPTION POWER RUNUP LOW IDLE IDLE TAKEOFF PWR	POWER RUNUP LOW IDLE IDLE TAKEOFF PWR	MAGNETO CHECK IDLE TAXI TAKEOFF PWR	IDLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP MAX PWR	TRIM CHECK IDLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP 70 % RPM ENG RUNUP MAX PWR	80 % RPM ENG RUNUP MAX PWR MAX PWR WET	MIL PWR IDLE 80 % RPM ENG RUNUP 70 % RPM ENG RUNUP 60 % RPM ENG RUNUP	TRIM CHECK IDLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP 70 % RPM ENG RUNUP MAX PWR
MD UNITS THIRD 1400 LBS/HR 650.0 LBS/HR 780.0 LBS/HR 2000 LBS/HR	1400 LBS/HR 650.0 LBS/HR 780.0 LBS/HR 2000 LBS/HR		1100 LBS/HR 5000 LBS/HR 2200 LBS/HR 8200 LBS/HR		1.22 EPR 2.35 EPR 2.79 EPR	7900 LBS/HR 650.0 LBS/HR 5600 LBS/HR 4000 LBS/HR 3000 LBS/HR	
FIRST SECOND THIRD	9600 IN-LBS 800.0 IN-LBS 1400 IN-LBS 16800 IN-LBS	27.5 IN HG 13.0 IN HG 24.0 IN HG 62.0 IN HG	1.00 EPR 1.74 EPR 1.25 EPR 2.34 EPR	1.60 EPR 1.05 EPR 1.27 EPR 1.11 EPR 1.06 EPR 1.80 EPR	2200 LBS/HR 8550 LBS/HR 13000 LBS/HR	780.0 C EGT 490.0 C EGT 678.0 C EGT 591.0 C EGT	1.60 EPR 1.05 EPR 1.27 EPR 1.11 EPR 1.06 EPR 1.80 EPR
P 10 10 4	775.0 C TIT 625.0 C TIT 560.0 C TIT 970.0 C TIT	2050 RPM 800.0 RPM 1000 RPM 2800 RPM	62.0 % RPM 90.0 % RPM 80.0 % RPM 96.0 % RPM	97.4 % RPM 55.0 % RPM 90.0 % RPM 80.0 % RPM 70.0 % RPM	80.0 % RPM 96.0 % RPM 96.0 % RPM	90.0 % NC 18.9 % NC 80.0 % NC 70.0 % NC 60.0 % NC	97.4 % RPM 55.0 % RPM 90.0 % RPM 80.0 % RPM 70.0 % RPM
INTERP TYPE V V V V	>>>>	>>>>	>>>>	>>>>>	> > &	>>>>>	>>>>>>
AIRCRAFT ID OPC M02902 09 M02902 11 M02902 13	M02903 09 M02903 11 M02903 13 M02903 30 M02903 30	M03001 08 M03001 13 M03001 15 M03001 30	M03101 13 M03101 17 M03101 19 M03101 31	M03102 07 M03102 13 M03102 17 M03102 19 M03102 31	M03103 19 M03103 31 M03103 49	M03104 04 M03104 13 M03104 19 M03104 21	M03201 07 M03201 13 M03201 17 M03201 19 M03201 31

AIRCRAFT 1	INTERP		POWER SETTING VALUES AND UNITS	AND UNITS	POWER DESCRIPTION	AIRCRAFT		ENGINE	SUPPRESSION	DATE OF
ID OPC	TYPE	FIRST	SECOND	THIRD		NAME	DESCRIPTION	NUMBER	SYSTEM	LAST UPDATE
M03301 04	>	100.0 % RPM	1.93 EPR		MIL PWR	C-140	J60-P-5	4,	NONE	25 MAY 1976
M03301 13	٥	41.0 % RPM	1.03 EPR		IDLE	C-140	J60-P-5	4	NONE	25 MAY 1976
	>	85.0 % RPM	1.46 EPR		85 % RPM ENG RUNUP	C-140	J60-P-5	4	NONE	25 MAY 1976
	>	75.0 % RPM	1.25 EPR		75 % RPM ENG RUNUP	C-140	J60-P-5	4	NONE	25 MAY 1976
M03401 13	Þ	28.0 % NF	1.04 EPR	1100 LBS/HR	IDLE	C-141A	TF33-P-7	4	NONE	08 APR 1976
	>	46		4100 LBS/HR	70 % RPM ENG RUNUP	C-141A	TF33-P-7	4	NONE	APR
	>	95.0 % NF	1.85 EPR	10000 LBS/HR	TAKEOFF PWR	C-141A	TF33-P-7	4	NONE	08 APR 1976
M03501 13	Þ	1.05 EPR	28.0 % NF	1050 LBS/HR	IDLE	E-3A	TF33-P-100A	4	NONE	27 NOV 1978
	>			0	85 % RPM ENG RUNUP	E-3A	TF33-P-100A	4	NONE	27 NOV 1978
	>			4100 LBS/HR	70 % RPM ENG RUNUP	E-3A	TF33-P-100A	4	NONE	27 NOV 1978
	>		95.0 % NF	10000 LBS/HR	TAKEOFF PWR	E-3A	TF33-P-100A	4	NONE	27 NOV 1978
M03701 04	Þ	99.0 % RPM	650.0 C EGT	8000 LBS/HR	MIL PWR	EA-6B	J52-P-408	7	NONE	03 OCT 1991
	>		บ	800.0 LBS/HR	IDLE	EA-6B	J52-P-408	7	NONE	03 OCT 1991
	>		บ	0	75 % RPM ENG RUNUP	EA-6B	J52-P-408	7	NONE	
M03801 07	Þ	1.63 EPR	97.0 % RPM	7800 LBS/HR	TRIM CHECK	E-8A	TF33-P-102A	4	NONE	03 OCT 1991
	>			1200 LBS/HR	IDLE	E-8A	TF33-P-102A	4	NONE	Ü
	>		æ	0	90 % RPM ENG RUNUP	E-8A	TF33-P-102A	4	NONE	03 OCT 1991
	Þ		80.0 % RPM	2400 LBS/HR	80 % RPM ENG RUNUP	E-8A	TF33-P-102A	4	NONE	03 OCT 1991
	٥	1.07 EPR	70.0 % RPM	1600 LBS/HR	70 % RPM ENG RUNUP	E-8A	TF33-P-102A	4	NONE	03 OCT 1991
M03801 31	>	1.84 EPR	100.0 % RPM	10000 LBS/HR	MAX PWR	E-8A	TF33-P-102A	41	NONE	03 OCT 1991
M03901 03	ţ.	100.0 % RPM			MAX PWR A/B	F-4C	J79-GE-15E OF	-15 2	NONE	19 DEC 1975
	· >				MIL PWR	F-4C	or	-15 2	NONE	DEC
	>	- %			IDLE	F-4C	or		NONE	DEC
	>	æ			85 % RPM ENG RUNUP	F-4C	J79-GE-15E or	-15 2	NONE	DEC
M03903 03	ţzi	99.0 % RPM	650.0 C EGT	7000 LBS/HR	MAX PWR A/B	F-4	J79-GE-15	61	HUSH HOUSE	15 MAR 1990
	>		650.0 C EGT	7000 LBS/HR	MIL PWR	F-4	J79-GE-15	71	HUSH HOUSE	15 MAR 1990
M03903 13	>		380.0 C EGT	1100 LBS/HR	IDLE	F-4	J79-GE-15	77	HUSH HOUSE	MAR
M03903 18	>	85.0 % RPM	440.0 C EGT	3000 LBS/HR	85 % RPM ENG RUNUP	F-4	J79-GE-15	7	HUSH HOUSE	15 MAR 1990
M03904 03	Ē	98.5 % RPM	660.0 C EGT		MAX PWR A/B	F-4	J79-GE-15	7	AF32A-14	MAR
M03904 04	>	98.5 % RPM	660.0 C EGT		MIL PWR	F-4	J79-GE-15	77	AF32A-14	15 MAR 1990
	>	85.0 % RPM	400.0 C EGT	2850 PPH FF	85 % RPM ENG RUNUP	F-4	J79-GE-15	8	AF32A-14	15 MAR 1990
M04001 03	[±1	100.0 % RPM			MAX PWR A/B	F-5A&B	J85-GE-13	63	NONE	13 APR 1976
M04001 04	>	100.0 % RPM			MIL PWR	F-5A&B	J85-GE-13	77	NONE	13 APR 1976
M04001 13	>	50.0 % RPM			IDLE	F-5A&B	J85-GE-13	73	NONE	APR
M04001 19	>	80.0 % RPM			80 % RPM ENG RUNUP	F-5A&B	J85-GE-13	7	NONE	13 APR 1976

DATE OF LAST UPDATE 06 APR 1976 06 APR 1976 06 APR 1976	15 MAR 1990 15 MAR 1990 15 MAR 1990 26 OCT 1977 26 OCT 1977 26 OCT 1977	03 NOV 1975 12 NOV 1995 12 NOV 1995 03 NOV 1975 12 NOV 1995	12 NOV 1995 12 NOV 1995 12 NOV 1995 12 NOV 1995 17 DEC 1975 17 DEC 1975 17 DEC 1975	22 AUG 1995 22 AUG 1995 22 AUG 1995 22 AUG 1995 22 AUG 1995	AUG AUG AUG MAR MAR MAR
SUPPRESSION SYSTEM NONE NONE	AF32A-18 AF32A-18 AF32A-18 NONE NONE	NONE NONE NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE	NONE NONE NONE NONE	NONE NONE NONE HUSH HOUSE HUSH HOUSE HUSH HOUSE
ENGINE 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	000 HHHH	000000	пппп пппп	0000 N	N N N N N N N
AIRCRAFT DESCRIPTION J85-GE-21 J85-GE-21 J85-GE-21	J85-GE-13 J85-GE-13 J85-GE-13 J57-P-20 J57-P-20 J57-P-20	TF30-P-412A/412 TF30-P-412A/412 TF30-P-412A/412 TF30-P-412A/412 TF30-P-412A/412 TF30-P-412A/412	F110-GE-400 F110-GE-400 F110-GE-400 F110-GE-400 F100-PW-100 F100-PW-100 F100-PW-100	F100-PW-220 F100-PW-220 F100-PW-220 F100-PW-220	F100-PW-229 F100-PW-229 F100-PW-229 F100-PW-100 F100-PW-100
AIRCRAFT NAME F-5E F-5E F-5E F-5E		F-14A F-14A F-14A F-14A F-14A	F-14B F-14B F-14B F-14B F-15A F-15A F-15A	F-15E F-15E F-15E F-15E	F-15E F-15E F-15 F-15 F-15
POWER DESCRIPTION MAX PWR A/B MIL PWR IDLE 80 % RPM ENG RUNUP	MAX PWR A/B MIL PWR 80 % RPM ENG RUNUP MAX PWR A/B MIL PWR IDLE 70 % RPM ENG RUNUP	MAX PWR ZONE 3 A/B MIL PWR IDLE 85 % RPM ENG RUNUP 80 % RPM ENG RUNUP MIN PWR A/B	MIL PWR POWER RUNUP IDLE MIN PWR A/B MAX PWR ZONE 5 A/B INTERMED PWR (MIL) IDLE 80 % RPM ENG RUNUP	* * * * * * * * * * * * * * * * * * * *	INTERMED PWR (MIL) IDLE 80 % RPM ENG RUNUP MAX PWR A/B MIL PWR IDLE 80 % RPM ENG RUNUP
MD UNITS THIRD 10000 LBS/HR 3150 LBS/HR 500.0 LBS/HR	8000 ррн ве 3500 ррн ве	1600 LBS/HR	39200 LBS/HR 7850 LBS/HR 950.0 LBS/HR 4150 LBS/HR		7850 LBS/HR 950.0 LBS/HR 4150 LBS/HR 915.0 C TIT 420.0 C TIT 815.0 C TIT
FIRST SECOND THIRD THIRD THIRD 00.0 % RPM 670.0 C EGT 10000 LBS/H 670.0 C EGT 3150 LBS/H 60.0 % RPM 395.0 C EGT 500.0 LBS/H 80.0 % RPM 340.0 C EGT 900.0 LBS/H	670.0 C EGT 670.0 C EGT 400.0 C EGT	1180 C TIT	930.0 C FTIT 930.0 C FTIT 395.0 C FTIT 690.0 C FTIT	0 0000	930.0 C FTIT 395.0 C FTIT 690.0 C FTIT 37000 LBS/HR 8700 LBS/HR 1100 LBS/HR
	101.0 % RPM 101.0 % RPM 80.0 % RPM 100.0 % RPM 97.0 % RPM 53.0 % RPM 70.0 % RPM	102.0 % NC 102.0 % NC 70.0 % NC 85.0 % NC 80.0 % NC	102.0 % NC 86.0 % NC 74.0 % NC 102.0 % NC 90.0 % NC 90.0 % NC 63.0 % NC	arararar ar	90.0 % NC 63.0 % NC 80.0 % RPM 92.0 % RPM 68.0 % RPM 80.0 % RPM
r INTERP		4 4 4 4 4 4	>>> 4 4 >>>		>>> & >>
AIRCRAFT ID OPC M04002 03 M04002 04 M04002 13 M04002 13	M04003 03 M04003 19 M04003 19 M04101 03 M04101 13 M04101 13	M04201 02 M04201 04 M04201 13 M04201 18 M04201 19	M04202 04 M04202 09 M04202 13 M04202 42 M04301 01 M04301 06 M04301 13		M04305 03 M04305 03 M04305 03 M04305 03 M04305 19 M04305 19

DATE OF LAST UPDATE 15 MAR 1990 15 MAR 1990 15 MAR 1990	13 APR 1976 13 APR 1976 13 APR 1976 13 APR 1976	23 SEP 1991 23 SEP 1991	23 SEP 1991 23 SEP 1991	15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990	26 MAR 1991 02 NOV 1995 02 NOV 1995 02 NOV 1995 02 NOV 1995 26 MAR 1991
SUPPRESSION SYSTEM AF32A-23 AF32A-23	NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE	HUSH HOUSE HUSH HOUSE HUSH HOUSE HUSH HOUSE AF32A-25 AF32A-25 AF32A-25 AF32A-25	NONE NONE NONE NONE NONE NONE
rgine Number 2 2 2	ਜਜਜਜ	नननन नननन	नननन नननन	नननन नननन	0000000
AIRCRAFT ENGINE DESCRIPTION NUMB F100-PW-100 F100-PW-100	F100-PW-100 F100-PW-100 F100-PW-100	F100-PW-220 F100-PW-220 F100-PW-220 F100-PW-220 F100-PW-229 F100-PW-229 F100-PW-229	F110-GE-100 F110-GE-100 F110-GE-100 F110-GE-100 F110-GE-129 F110-GE-129 F110-GE-129	F100-PW-100 F100-PW-100 F100-PW-100 F100-PW-100 F100-PW-100 F100-PW-100 F100-PW-100	F404-GE-400&402 F404-GE-400&402 F404-GE-400&402 F404-GE-400&402 F404-GE-400&402 F404-GE-400&402
AIRCRAFT NAME F-15 F-15	F-16A F-16A F-16A	F-16C F-16C F-16C F-16C F-16C F-16C	F-16C F-16C F-16C F-16C F-16C F-16C	110 110 110 110 110 110 110	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
POWER DESCRIPTION MAX PWR A/B MIL PWR 80 % RPM ENG RUNUP	MAX PWR ZONE 5 A/B INTERMED PWR (MIL) IDLE 80 % RPM ENG RUNUP	MAX FWR A/B MIL FWR IDLE 80 % RPM ENG RUNUP MAX FWR A/B MIL FWR IDLE 80 % RPM ENG RUNUP	MAX PWR A/B MIL PWR IDLE 80 % RPM ENG RUNUP MAX PWR A/B MIL PWR IDLE 80 % RPM ENG RUNUP	MAX PWR A/B MIL PWR 80 % RPM ENG RUNUP MAX PWR A/B MIL PWR IDLE 80 % RPM ENG RUNUP	MAX PWR A/B MIL PWR IDLE 90 % RPM ENG RUNUP 85 % RPM ENG RUNUP 80 % RPM ENG RUNUP
AND UNITS THIRD 36900 PPH FF 7200 PPH FF		935.0 C FTIT 935.0 C FTIT 445.0 C FTIT 1050 C FTIT 1025 C FTIT 460.0 C FTIT 540.0 C FTIT	790.0 C FTIT 450.0 C FTIT 460.0 C FTIT 870.0 C FTIT 860.0 C FTIT 510.0 C FTIT 540.0 C FTIT	925.0 C TIT 925.0 C TIT 450.0 C TIT 820.0 C TIT 920.0 FIIT 440.0 FIIT 650.0 FIIT	807.0 C EGT
POWER SETTING VALUES AN FIRST SECOND 91.0 % RPM 940.0 C TIT 80.0 % RPM 690.0 C TIT	950.0 C TIT 934.0 C TIT 483.0 C TIT 620.0 C TIT	38800 LBS/HR 8000 LBS/HR 750.0 LBS/HR 2850 LBS/HR 38800 LBS/HR 9750 LBS/HR 1450 LBS/HR 2300 LBS/HR	40500 LBS/HR 9450 LBS/HR 1350 LBS/HR 2000 LBS/HR 41850 LBS/HR 9600 LBS/HR 900.0 LBS/HR	37300 LBS/HR 7200 LBS/HR 4500 LBS/HR 4500 LBS/HR 8150 LBS/HR 8150 LBS/HR 850.0 LBS/HR 3600 LBS/HR	7367 LBS/HR 7279 LBS/HR
	89.0 % NC 90.0 % NC 62.0 % NC 80.0 % NC	92.0 % NC 91.5 % NC 67.0 % NC 80.0 % NC 95.0 % NC 74.0 % NC	104.0 % NC 103.0 % NC 74.0 % NC 80.0 % NC 100.0 % NC 99.0 % NC 69.0 % NC	92.0 % RPM 92.0 % RPM 68.0 % RPM 80.0 % RPM 91.0 % N2 91.0 % N2 65.0 % N2	95.1 % NC 94.0 % NC 63.0 % NC 90.0 % NC 85.0 % NC 80.0 % NC
INTERE TYPE F V V	E > > >	£ > > > £ > > >	E > > > E > > >	[4 > > > 64 > > >	F > > > > F
AIRCRAFT INTERP ID OPC TYPE M04306 03 F M04306 04 V M04306 19 V	M04401 01 M04401 06 M04401 13 M04401 19	M04402 04 M04402 13 M04402 13 M04402 19 M04403 03 M04403 13 M04403 13	M04404 03 M04404 13 M04404 13 M04405 13 M04405 03 M04405 13	M04406 04 M04406 13 M04406 13 M04406 19 M04407 03 M04407 13 M04407 13	M04501 03 M04501 04 M04501 13 M04501 17 M04501 18 M04501 19

DATE OF LAST UPDATE 19 DEC 1975 19 DEC 1975 19 DEC 1975 15 MAR 1990	MAR MAR MAR NOV NOV NOV NOV	27 NOV 1978 27 NOV 1978 27 NOV 1978 27 NOV 1978 27 NOV 1978 08 JAN 1976 30 DEC 1975 30 DEC 1975	27 NOV 1978 15 MAR 1990 15 MAR 1990	02 DEC 1981 02 DEC 1981 02 DEC 1981 02 DEC 1981 02 DEC 1981 15 MAR 1990 15 MAR 1990 15 MAR 1990
SUPPRESSION SYSTEM NONE NONE NONE	AF32A-16 AF32A-16 AF32A-16 NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE NONE	NONE NONE NONE NONE HUSH HOUSE HUSH HOUSE	NONE NONE NONE NONE HUSH HOUSE HUSH HOUSE HUSH HOUSE
engine Numbe	l H H H H N N N N N N	1 1 1 1 1 1 9-GE-7 1 9-GE-7 1 9-GE-7	नननन ननन	ннннн нннн
AIRCRAFT ENGINE DESCRIPTION NUMB J57-P-21A J57-P-21A J57-P-21A J57-P-21A	757-P-21A 757-P-21A 757-P-21A 757-P-55 757-P-55 757-P-55	J57-P-23A J57-P-23A J57-P-23A J57-P-23A J57-P-23A J79-GE-11A/J79-GE-7 J79-GE-11A/J79-GE-7 J79-GE-11A/J79-GE-7	775-P-19W 775-P-19W 775-P-19W 775-P-19W 775-P-19 775-P-19	775-P-17 775-P-17 775-P-17 775-P-17 775-P-17 775-P-17 775-P-17
AIRCRAFT NAME F-100D F-100D F-100D F-100D F-100D	F-100 F-100 F-100 F-101B F-101B F-101B	F-102A F-102A F-102A F-102A F-104D&G F-104D&G F-104D&G	F-105D F-105D F-105D F-105D F-105 F-105	F-106 F-106 F-106 F-106 F-106 F-106 F-106
POWER DESCRIPTION MAX PWR A/B MIL PWR IDLE 70 % RPM ENG RUNUP MAX PWR A/B	MIL PWR IDLE 70 % RPM ENG RUNUP MAX PWR A/B MIL PWR IDLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP	MAX PWR A/B MIL PWR IDLE 85 % RPM ENG RUNUP 75 % RPM ENG RUNUP MAX PWR A/B MIL PWR IDLE 85 % RPM ENG RUNUP	MAX PWR A/B MIL PWR IDLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP MAX PWR A/B MIL PWR 90 % RPM ENG RUNUP	MAX PWR A/B MIL PWR 1DLE 95 % RPM ENG RUNUP 85 % RPM ENG RUNUP MAX PWR A/B MIL PWR 95 % RPM ENG RUNUP 85 % RPM ENG RUNUP
POWER SETTING VALUES AND UNITS FIRST SECOND THIRD 00.0 % RPM 53.0 % RPM 70.0 % RPM 97.0 % RPM	7600 LBS/HR 1150 LBS/HR 4350 LBS/HR 2450 LBS/HR	8500 LBS/HR 1100 LBS/HR 3500 LBS/HR 2000 LBS/HR	11000 LBS/HR 1700 LBS/HR 5550 LBS/HR 2800 LBS/HR 623.0 C EGT 614.0 C EGT	9000 LBS/FR 9000 LBS/HR 6000 LBS/HR 3100 LBS/HR
TTING VALUES SECOND	2.04 EPR 2.10 EPR 1.01 EPR 1.58 EPR 1.25 EPR	2.14 EPR 2.13 EPR 1.01 EPR 1.43 EPR 1.19 EPR	2.41 EPR 2.41 EPR 1.17 EPR 1.68 EPR 1.30 EPR 2.43 EPR 2.35 EPR 1.68 EPR	1.99 EPR 1.99 EPR 1.65 EPR 1.31 EPR
_	was as as as as as	96.0 % NC 96.0 % NC 57.0 % NC 85.0 % NC 75.0 % RPM 100.0 % RPM 67.0 % RPM 85.0 % RPM	102.0 % NC 102.0 % NC 69.0 % NC 90.0 % NC 80.0 % RPM 103.0 % RPM 90.0 % RPM	102.0 % RPM 102.0 % RPM 59.0 % RPM 85.0 % RPM 100.0 % RPM 100.0 % RPM 95.0 % RPM 95.0 % RPM
INTER TYPE F V V V	>>>	E4 > > > > E4 > > >	E > > > E > >	[i, > > > >
AIRCRAFT INTERP ID OPC TYPE M04601 03 F M04601 13 V M04601 21 V M04602 03 F		M04801 03 M04801 04 M04801 13 M04801 18 M04901 03 M04901 03 M04901 13 M04901 13	M05001 03 M05001 04 M05001 13 M05001 17 M05002 03 M05002 04 M05002 17	MO5101 03 MO5101 04 MO5101 13 MO5101 16 MO5102 03 MO5102 04 MO5102 16 MO5102 16

DATE OF 15 MAR 1990	15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990	18 SEP 1992 18 SEP 1992 18 SEP 1992 18 SEP 1992 18 SEP 1992	14 APR 1976 14 APR 1976 14 APR 1976 14 APR 1976 14 APR 1976	06 APR 1976 06 APR 1976 06 APR 1976 06 APR 1976 31 MAR 1976 31 MAR 1976 31 MAR 1976	15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 MAR 1990 15 NOV 1990 15 NOV 1990 15 NOV 1990 15 NOV 1990
SUSTEM 1. AF32A-17 1	AF32A-13 1 AF32A-13 1 AF32A-13 1 AF32A-13 1	NONE 1 NONE 1 NONE 1 NONE 1	NONE 1 NONE 1 NONE 1 NONE 1	NONE 0 NONE 0 NONE 0 NONE 0 NONE 3 NONE 3	HUSH HOUSE 1 HUSH HOUSE 1 HUSH HOUSE 1 HUSH HOUSE 1 NONE 1 NONE 1 NONE 1
ENGINE NUMBER 1 1 1	00000	00000	00000	пппп ппппп	00000 00000
AIRCRAFT E DESCRIPTION J75-P-17 J75-P-17 J75-P-17 J75-P-17	TF30-P-3 TF30-P-3 TF30-P-3 TF30-P-3 TF30-P-3	TF30-P-3 TF30-P-3 TF30-P-3 TF30-P-3 TF30-P-3	TF30-P-9 TF30-P-9 TF30-P-9 TF30-P-9 TF30-P-9	TF30-P-100 TF30-P-100 TF30-P-100 TF30-P-100 TF30-P-7 TF30-P-7 TF30-P-7 TF30-P-7	TF30-P-100 TF30-P-100 TF30-P-100 TF30-P-100 TF30-P-100 GE F404-F1D1 GE F404-F1D1 GE F404-F1D1 GE F404-F1D1
AIRCRAFT NAME F-106 F-106 F-106 F-106 F-106	F-111A F-111A F-111A F-111A	F-111A&E F-111A&E F-111A&E F-11A&E	F-111D F-111D F-111D F-111D	F-111F F-111F F-111F F-111F F-111A FB-111A FB-111A	F-111F F-111F F-111F F-117A F-117A F-117A F-117A
POWER DESCRIPTION MAX PWR A/B MIL PWR IDLE 95 % RPM ENG RUNUP 85 % RPM ENG RUNUP	MAX PWR ZONE 3 A/B MAX PWR ZONE 3 A/B MIL PWR IDLE 75 % RPM ENG RUNUP	MAX FWR ZONE 3 A/B MIL FWR IDLE 85 % RPM ENG RUNUP 80 % RPM ENG RUNUP	MAX FWR ZONE 3 A/B MIL FWR IDLE 85 % RPM ENG RUNUP 80 % RPM ENG RUNUP	MAX PWR ZONE 3 A/B MIL PWR IDLE 80 % RPM ENG RUNUP MAX PWR A/B MIL PWR IDLE 80 % RPM ENG RUNUP	MAX PWR A/B MIL PWR 95 % RPM ENG RUNUP 80 % RPM ENG RUNUP 1DLE 90 % RPM ENG RUNUP 80 % RPM ENG RUNUP 70 % RPM ENG RUNUP
ITS IRD 0 LBS/HR 0 LBS/HR 0 LBS/HR 0 LBS/HR	33800 LBS/HR 1 20200 LBS/HR 5900 LBS/HR 900.0 LBS/HR 1500 LBS/HR	28100 LBS/HR 8100 LBS/HR 1000 LBS/HR 4200 LBS/HR 2650 LBS/HR		28100 LBS/HR 8100 LBS/HR 1000 LBS/HR 4200 LBS/HR 45600 LBS/HR 6500 LBS/HR 6500 LBS/HR 6500 LBS/HR 2650 LBS/HR	49800 LBS/HR 8200 LBS/HR 7800 LBS/HR 4100 LBS/HR 2700 LBS/HR
FIRST SECOND TH. FIRST SECOND TH. 00.0 % RPM 2.18 EPR 1050 59.0 % RPM 1.20 EPR 1600 95.0 % RPM 2.00 EPR 1000 85.0 % RPM 1.85 EPR 2.40	1104 C TIT 1094 C TIT 1086 C TIT 558.0 C TIT 726.0 C TIT	2.25 EPR 2.21 EPR 1.04 EPR 1.63 EPR 1.44 EPR		2.25 EPR 2.21 EPR 1.04 EPR 1.44 EPR 2.00 EPR 2.00 EPR 1.00 EPR 1.44 EPR	2.39 EPR 2.27 EPR 2.20 EPR 1.61 EPR 1.38 EPR
	96.1 % N2 96.4 % N2 96.5 % N2 66.9 % N2 75.0 % N2	95.0 % NC 95.0 % NC 65.0 % NC 85.0 % NC	95.0 % NC 95.0 % NC 65.0 % NC 85.0 % NC	95.0 % NC 65.0 % NC 85.0 % NC 80.0 % NC 96.0 % NC 66.0 % NC	96.0 % RPM 96.0 % RPM 95.0 % RPM 85.0 % RPM 80.0 % RPM 90.0 % RPM 70.0 % RPM
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AIRCRAFT INTERP ID OPC TYPE M05103 03 F M05103 14 V M05103 15 V M05103 16 V	M05106 01 M05106 02 M05106 04 M05106 13 M05106 20	M05201 02 M05201 04 M05201 13 M05201 18 M05201 19	M05202 02 M05202 04 M05202 13 M05202 18 M05202 19	M05203 02 M05203 04 M05203 13 M05204 03 M05204 03 M05204 03 M05204 13 M05204 13	M05205 03 M05205 04 M05205 16 M05205 19 M05301 13 M05301 17 M05301 17 M05301 11 M05301 31

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AIRCRAFT ENGINE DESCRIPTION NUMBER CF6-50C2 3 CF6-50C2 3 CF6-50C2 3 CF6-50C2 3 CF6-50C2 3	R4360-59B & J47-GE R4360-59B & J47-GE R4360-59B & J47-GE R4360-59B & J47-GE R4360-59B & J47-GE T76-G-416/417 T76-G-416/417	T56-A-14 T56-A-14 T56-A-14 T56-A-14 TF34-GE-400A/B TF34-GE-400A/B TF34-GE-400A/B	711D-208 (J58) 711D-5	J85-GE-4A J85-GE-4A J85-GE-4A R-2800-103W R-2800-103W R-2800-103W
AIRCRAFT NAME KC-10A KC-10A KC-10A KC-10A KC-10A	KC-97L KC-97L KC-97L KC-97L KC-97L OV-10A OV-10A	P-3A P-3A P-3A S-3A&B S-3A&B S-3A&B	SR-71 SR-71 SR-71 SR-71 SR-71 T-1 T-1 T-1	T-2C T-2C T-29 T-29 T-29
POWER DESCRIPTION MAX CONT PWR IDLE 95 % RPM ENG RUNUP 70 % RPM ENG RUNUP TAKEOFF PWR 45 % RPM ENG RUNUP	MAGNETO CHECK IDLE RECIPS AND JETS IDLE MAX POWER NO JETS MAX POWER WITH JETS MIL PWR TAXI LOCKED PROPS	POWER RUNUP IDLE TAKEOFF PWR IOW IDLE HIGH IDLE T5 DISABLE MAX PWR	MAX PWR A/B MIL PWR IDLE 50 & RPM ENG RUNUP MIN PWR A/B 30 & RPM ENG RUNUP MAX CONT PWR IDLE 90 % RPM ENG RUNUP 70 % RPM ENG RUNUP	IDLE 70 % RPM ENG RUNUP MAX PWR MAGNETO CHECK IDLE TAXI TAKEOFF PWR
MD UNITS THIRD 17100 LBS/HR 1360 LBS/HR 5700 LBS/HR 20000 LBS/HR	40.0 % RPM 100.0 % RPM	1400 LBS/HR 660.0 LBS/HR 2120 LBS/HR 596.0 C ITT 760.0 C ITT 804.0 C ITT	1570 LBS/HR 210.0 LBS/HR 1210 LBS/HR 885.0 LBS/HR 640.0 LBS/HR	640.0 lbs/hr 2675 lbs/hr
SECTING VALUES AND UNITS SECOND 820.0 C EGT 17100 LBS/H 406.0 C EGT 1360 LBS/H 750.0 C EGT 13000 LBS/H 530.0 C EGT 5700 LBS/H 908.0 C EGT 20000 LBS/H 445.0 C EGT 2800 LBS/H	2050 RPM 900.0 RPM 2650 RPM 2650 RPM 1900 FT-LBS 600.0 FT-LBS	775.0 C TIT 611.0 C TIT 965.0 C TIT 1800 RPM NF 2600 RPM NF 6600 RPM NF	91.4 % NC 52.0 % NC 87.2 % NC 83.0 % NC 78.0 % NC	550.0 C EGT 596.0 C EGT 665.0 C EGT 27.5 IN HG 13.0 IN HG 24.0 IN HG 62.0 IN HG
FIRST 103.0 % N1 24.0 % N1 95.0 % N1 70.0 % N1 111.0 % N1	29.0 IN HG 17.0 IN HG 18.0 IN HG 58.0 IN HG 58.0 IN HG 70.0 % RPM 70.0 % RPM	ត្បត្ត	90.0 % NC 70.0 % NC 20.0 % NC 75.0 % NC 75.0 % NC 30.0 % NF 31.0 % NF 90.0 % NF 70.0 % NF	50.0 % RPM 70.0 % RPM 100.0 % RPM 2050 RPM 1000 RPM 2800 RPM
INTERUTYPE V V V V V V V V V V V V V V V V V V V	> > F > F > >	>>> >>>>	* > > > * > > > > > > > > > > > > > > >	>>> >>>>
AIRCRAFT INTERPID OPC TYPE MO5401 05 V MO5401 13 V MO5401 16 V MO5401 21 V MO5401 30 V MO5401 57 V	MOSSO1 08 MOSSO1 13 MOSSO1 35 MOSSO1 38 MOSSO1 18 MOSGO1 15 MOSGO1 15		M05901 03 M05901 13 M05901 25 M05901 42 M05901 42 M06001 05 M06001 13 M06001 17 M06001 17 M06001 17	M06101 13 M06101 21 M06101 31 M06401 08 M06401 13 M06401 13

AIRCRAFT I	INTERP		POWER SETTING VALUES AND UNITS	ND UNITS	POWER DESCRIPTION	AIRCRAFT	AIRCRAFT ENGINE	ē	SUPPRESSION	DATE OF
1 2	7 N	35.0 % RPM)	IDLE	T-33A	J33-A-35		NONE	19 JAN 1976
M06501 25	>	50.0 % RPM			50 % RPM ENG RUNUP	T-33A	J33-A-35		NONE	19 JAN 1976
	>	100.0 % RPM			MAX PWR	T-33A	J33-A-35		NONE	19 JAN 1976
M06701 07	Þ	92.0 % RPM			TRIM CHECK	T-37B	J69-T-25		NONE	13 FEB 1976
	>	₩,			IDLE	T-37B	J69-T-25	7 N	NONE	13 FEB 1976
	>	₩			MAX PWR	T-37B	J69-T-25		NONE	13 FEB 1976
MOKBO1 03	Ç=	100.0 % RPM			MAX PWR A/B	T-38A	J85-GE-5A		NONE	17 FEB 1976
	٠ >	*			MIL PWR	T-38A	J85-GE-5A	Z	NONE	FEB
	۰ >	A F			TRIM CHECK	T-38A	J85-GE-5A		NONE	
	· >	%			IDLE	T-38A	J85-GE-5A	N N	NONE	FEB
	>	75.0 % RPM			75 % RPM ENG RUNUP	T-38A	J85-GE-5A		NONE	18 FEB 1976
	>	70.0 % RPM			70 % RPM ENG RUNUP	T-38A	J85-GE-5A		NONE	17 FEB 1976
M06802 03	Ĭī	100.0 % RPM	645.0 C TIT	2100 LBS/HR	MAX PWR A/B	T-38	J85-GE-5		HUSH HOUSE	15 MAR 1990
	>	æ		2100 LBS/HR	MIL PWR	T-38	J85-GE-5		HUSH HOUSE	15 MAR 1990
	>	₩	ບ	0	80 % RPM ENG RUNUP	T-38	J85-GE-5		HUSH HOUSE	15 MAR 1990
M06803 03	ĵz,	100.0 % RPM	635.0 C EGT	2100 PSI FF	MAX PWR A/B	T-38	J85-GE-5A	-	AF32A-18	15 MAR 1990
	>			0	MIL PWR	T-38	J85-GE-5A	64	AF32A-18	15 MAR 1990
	۰ >	* %	υ	5 PSI	POWER RUNUP	T-38	J85-GE-5A		AF32A-18	MAR
	۰ >	, %	υ	O PSI	IDLE	T-38	J85-GE-5A		AF32A-18	15 MAR 1990
	>	96		790.0 PSI FF	75 % RPM ENG RUNUP	T-38	J85-GE-5A	-	AF32A-18	15 MAR 1990
M06901 04	>	100.0 % RPM	1.93 EPR		MIL PWR	T-39A	J60-P-3A		NONE	20 JAN 1976
	>		1.03 EPR		IDLE	T-39A	J60-P-3A		NONE	20 JAN 1976
	>	æ	1.46 EPR		85 % RPM ENG RUNUP	T-39A	J60-P-3A	70	NONE	JAN
	>	75.0 % RPM	1.25 EPR		75 % RPM ENG RUNUP	T-39A	J60-P-3A		NONE	20 JAN 1976
M07201 13	>	1.05 EPR	34.0 % NF	1050 LBS/HR	IDLE	T-43A	JT8D-9A		NONE	08 APR 1976
	>			7000 LBS/HR	90 % RPM ENG RUNUP	T-43A	JT8D-9A		NONE	08 APR 1976
	>	1.70 EPR	85.0 % NF	5800 LBS/HR	85 % RPM ENG RUNUP	T-43A	JT8D-9A	7	NONE	08 APR 1976
	>	1.50 EPR	80.0 % NF	4800 LBS/HR	80 % RPM ENG RUNUP	T-43A	JT8D-9A		NONE	08 APR 1976
	>	2.01 EPR	97.0 % NF	8000 LBS/HR	TAKEOFF PWR	T-43A	JT8D-9A		NONE	08 APR 1976
M07401 04	>	100.0 % RPM			MIL PWR	T-45	F405-RR-401	-	NONE	01 AUG 1996
M07401 13	>	55.0 % RPM			IDLE	T-45	F405-RR-401		NONE	01 AUG 1996
	>				90 % RPM ENG RUNUP	T-45	F405-RR-401		NONE	01 AUG 1996
	٥				70 % RPM ENG RUNUP	T-45	F405-RR-401	Н	NONE	01 AUG 1996
	:	Mad 9 0 001			MIT. DWP	11-2	.T75.D-13	-	HNON	27 APR 1976
	> ;	e 9			TUE	2 - 1	.175-B-13		NOME	100
	> ;	9 0 d			LULK OF 9. DRW ENG BINITE	7-0	U/5-E-13		NONE	APR day
M07601 18	>	85.0 % RPM			SS & KFM KNG KUNUF	7-0	0/5-Y-13		NONE	APR

DATE OF LAST UPDATE 27 MAY 1976 27 MAY 1976	07 MAR 1983 07 MAR 1983 07 MAR 1983 07 MAR 1983	07 MAR 1983 07 MAR 1983 07 MAR 1983 07 MAR 1983		07 MAR 1983 07 MAR 1983 07 MAR 1983 18 DEC 1996 18 DEC 1996 18 DEC 1996 18 DEC 1996 18 DEC 1996	10 APR 1980 10 APR 1980 10 APR 1980 10 APR 1980	26 JUN 1992 26 JUN 1992 26 JUN 1992 26 JUN 1992 26 JUN 1992 26 JUN 1992 23 DEC 1992 23 DEC 1992
SUPPRESSION SYSTEM NONE	NONE NONE NONE	NONE NONE NONE NONE	NONE NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE NONE	NONE NONE NONE NONE	NONE NONE NONE NONE NONE NONE NONE
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AIRCRAFT ENGINE DESCRIPTION NUMBER GSO-480-A1A6/B1 2 GSO-480-A1A6/B1 2	CF6-50D CF6-50D CF6-50D CF6-50D	CF6-50D CF6-50D CF6-50D CF6-50D CF6-50D	JT8D-17, -209 JT8D-17, -209 JT8D-17, -209 JT8D-17, -209	JT8D-17, -209 JT8D-17, -209 JT8D-17, -209 TP PT6A-68 TP PT6A-68 TP PT6A-68 TP PT6A-68	RB211-22B Turbofans RB211-22B Turbofans RB211-22B Turbofans RB211-22B Turbofans	RB.199-34R-04 RB.199-34R-04 RB.199-34R-04 RB.199-34R-04 RB.199-34R-04 TB.199-34R-04 T53-L-13 T53-L-13
ALRCRAFT NAME U-4B U-4B	YC-14 YC-14 YC-14 YC-14	YC-14 FLAPS 30 YC-14 FLAPS 30 YC-14 THRUSTER YC-14 THRUSTER	YC-15 YC-15 YC-15 YC-15	YC-15 FLAPS 24 YC-15 FLAPS 24 G YC-15 FLAPS 24 JPATS JPATS JPATS JPATS JPATS JPATS	L-1011-1 L-1011-1 L-1011-1 L-1011-1	TORNADO TORNADO TORNADO TORNADO TORNADO AH-1G
POWER DESCRIPTION MIL PWR IDLE	MIL PWR IDLE 85 % RPM ENG RUNUP TAKEOFF PWR	85 % RPM/FLPS 30 TAKEOFF/FLPS 30 IDLE/FLPS 30 IDLE/THRUSTER 85% RPM/THRUSTER	IDLE 1.8 EPR REVERSE IDLE 1.95 EPR	REVERSE STOP IDLE/FLAPS 24 DEG TAKEOFF/FLAPS 24 DEG IDLE 70 % TORQUE 80 % TORQUE 90 % TORQUE 95 % TORQUE	IDLE 85 % RPM ENG RUNUP 80 % RPM ENG RUNUP 65 % RPM ENG RUNUP	MAX REHEAT POWER MAX MIL POWER 95 % POWER 85 % POWER 65 % POWER COMBAT POWER IGE LITE
FIRST SECOND THIRD 48.0 IN HG 3400 RPM	770.0 C EGT 360.0 C EGT 635.0 C EGT 845.0 C EGT	640.0 C EGT 880.0 C EGT 340.0 C EGT 420.0 C EGT 660.0 C EGT	1100 LBS/HR 6400 LBS/HR 1350 LBS/HR 7400 LBS/HR	7800 LBS/HR 1000 LBS/HR 10000 LBS/HR 155.0 LBS/HR 520.0 LBS/HR 565.0 LBS/HR 565.0 LBS/HR 565.0 LBS/HR 565.0 LBS/HR 565.0 LBS/HR		
STIING VALUES SECOND 3400 RPM 1000 RPM	99.0 % NC 64.0 % NC 93.0 % NC 102.0 % NC	93.0 % NC 104.0 % NC 64.0 % NC 64.0 % NC 96.0 % NC	33.0 % NF 86.0 % NF 39.0 % NF	500.0 EGT 370.0 EGT 580.0 EGT 4.00 % Q 70.0 % Q 90.0 % Q 95.0 % Q	23.0 % NF 85.0 % NF 81.0 % NF 67.0 % NF	
	100.0 % NF 22.0 % NF 85.0 % NF 111.0 % NF	85.0 % NF 110.0 % NF 22.0 % NF 22.0 % NF 85.0 % NF	1.04 EPR 1.80 EPR 1.08 EPR 1.95 EPR	1.95 EPR 1.04 EPR 2.24 EPR 60.0 % N1 94.0 % N1 97.0 % N1 97.0 % N1 98.0 % N1	10.0 % SLITT 80.0 % SLITT 65.0 % SLITT 40.0 % SLITT	100.0 % RPM 100.0 % RPM 95.0 % RPM 85.0 % RPM 65.0 % RPM 101.0 % RPM 1.00 POWER 2.00 POWER
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AIRCRAFT INTERPID OPC TYPE M07701 04 V	MO8101 04 MO8101 13 MO8101 18 MO8101 30	M08102 51 M08102 52 M08102 53 M08103 55 M08103 56	M08201 13 M08201 33 M08201 44 M08201 46	MO8202 45 MO8202 47 MO8202 48 MO8301 13 MO8301 70 MO8301 71 MO8301 72 MO8301 73	M22201 13 M22201 18 M22201 19 M22201 22	M45101 03 M45101 04 M45101 16 M45101 18 M45101 22 M45101 42 M61101 62

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AIRCRAFT NAME	AH64	AH64	A115.4	Four.	CH-54	CH-54	0Н58	OH58	0Н58D	OH58D	он58D	TH55	IH-1B	UH-118		UH-1M	WI-HO	CH47B	CH47B		CH47D	CH47D	CH470	CH470	CH47D	UH60A	UH60A	UH60A	UH60A	UH60A	CH-53R	GH: 53 R	CH-53E	CH-53E	1	CH-46E	CH-46E	
POWER DESCRIPTION	IDL LITE				IGE LITE	OGE LITE		OGE LITE			OGE LITE	IGE LITE	IGE LOAD				OGE LITE	IGE LITE	OGE LOAD			IGE LITE			OGE LOAD					OGE LOAD	GND IDLE			GND MAX			IGE LITE	
POWER SETTING VALUES AND UNITS FIRST SECOND THIRD																															100.0 %NR	100.0 %NR	100.0 %NR	100.0 %NR	- CO	32.0 SIN	TOO. O SNK	
POWER SE' FIRST	1.00 POWER	2.00 POWER	3.00 POWER		1.00 POWER	2.00 POWER		2.00 POWER		2.00 POWER	3.00 POWER	1.00 POWER	1.00 POWER			1.00 POWER	2.00 POWER		2.00 POWER	1 00 00460		2 OF POWER								5.00 POWER	7.00 %QQBPA	75.0 %OOBPA					/2.0 *QQBPA	
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AIRCRAFT I ID OPC	M61201 61	M61201 62	M61201 64		M61301 62	M61301 64		M61401 64		_	M61501 64	M61601 62	M61701 63				M61801 64		M61901 65	W62001 61										M62101 65	M62201 60	M62201 62	M62201 64	M62201 66	W62201 60			

APPENDIX E

Sample Flight Data in Noisefile 7

This Appendix contains the complete listing of all flight noise data for the first eighteen aircraft in Noisefile 7. This partial listing of the flight data in Noisefile 7 illustrates the format and content of each dataset. A complete listing of all flight data would require eighty-two pages. The complete listing is available in electronic form. The listing is in sequence by aircraft ID. Each dataset defines the noise levels for one aircraft power condition. A detailed description of the content and format of the flight noise dataset is given in Appendix A. A summary of the aircraft and power conditions for all flight aircraft in Noisefile 7 is given in Appendix C.

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	350 KTS		837 806 784	000	Z00 N.15		721 661 613	300 KTS			687 630 585		250 KTS		è	902 884 864	300 KTS			668 610 539		150 KTS			740 689 627		250 KTS			944 912 861		249 KTS		916 877 824	5	160 KTS			756 693 623		250 KTS		381 841 790 698
	79 1000 FT		900 877		14 0001 6		822 786 721	79 1000 FT			789 754		79 1000 FT		0	948 938	79 1000 FT			1 740 731 (79 1000 FT			794 776		79 1000 FT			990 972		79 1000 FT		961 947	1	1979 1000 FT			839 803		79 1000 FT		960 939 913 881
	27 DEC 1979 1000		950 944 919		21 DEC 13		868 858 844	27 DEC 1979			810 815 798		27 DEC 1979			T96 0/6 6/6	27 DEC 1979			765 764 751 740 731		27 DEC 1979		;	836 828 821		27 DEC 1979			0391029101		27 DEC 1979		989 9101710		27 DEC 19			905 890 871		27 DEC 1979		995 978 96
	S.A.F.		967 954	F.	. 2.W.C.		882 873	U.S.A.F.			822 815		U.S.A.F.		6	3/8 3/8	U.S.A.F.			751 755 759		U.S.A.F.		;	860 856 848		U.S.A.F.			903101511021130108510801138109611091074106410661056103910291011		U.S.A.F.		943 982106710691029101510171019	1	U.S.A.F.			953 938 924		U.S.A.F.		99010111006
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	2 EST. F-101	85.70 .0 111.1	92 873 914		85.70	.7 102.8	99 874 904	EST. F-101	85.		740 802 837		•		115.4	44 815 833	1 NO DRAG	78.10	87.6 88.7	86 663 709		GEAR AND	78.10		60 820 846			00.	.7 120.7	1511021130		NO DRAG				GEAR AND	66.40	4 113.4					87 885 928
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A-7A INTERPORTE POWER 96.00 % NC 78.30 99.70	70 PCT
3.1 111.3 112.7 2.0	
0 0 0 0 0 0 0 669 668 672 742 812 835 784 837 859 898100010441002 962 967 956 954 941 925 898 870 830 798 732	
MILLITAKY FMUUDULU4LP A-7E A-7E TF41-A-2 1 NO DRAG MEASTRED 11.S.A.F. 27 DRC 1979 1000 RT 301 FTS EG B	100
82.00 88.00	10.
.0 99.2 84.7 86.0 92.7 88.7 89.8	
0 0 0 0 0 0 6 647 613 584 682 722 735 701 736 773 747 748 759 733 740 736 734 746 750 710 695 666 635 592 476	
TF41-A-2 1 GEAR AND FL	70 PCT
78.30 99.70	
.6 94.9 95.9 1.0	
0 0 0 0 0 0 0 0 6 754 667 642 750 806 814 752 796 816 820 826 816 798 791 777 768 758 777 760 751 706 656 607 499 MILITARY FM00701031V	
AV-8A F402-RR-401 1 MRASHRED II S.A.F. 27 DEC 1979 1000 ET 200 E	5
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MILITARY FM00701051V	
AV-8A F402-RR-401 1 GEAR AND FLAPS DOWN MEASURED U.S.A.F. 27 DEC 1979 1000 FT 150 KTS 59 F	70 PCT
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0 0 0 0 0 0 0 0 648 663 756 800 808 756 793 798 838 827 831 835 838 834 829 809 837 822 769 748 695 571	
ARY FM00702031V	
F402-RR-405 1	70 PCT
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MILITARY FM00702051V	
AV-8B F402-RR-405 1 MEASURED U.S.A.F. 28 FEB 1983 1000 FT 150 KTS 59 F	70 PCT
32.00 114.00	
1 107.4 108.3 .8	
0 0 0 0 0 0 0 748 728 724 778 854 895 871 869 896 899 901 903 901 906 910 901 902 891 882 849 792 725 653	
ARY FM00702131V	
F402-RR-405	70 PCT
32.00	
107:5 109:0 93.6 95:1 103:0 98:0 99:4 1:5	
0 0 0 0 0 0 684 660 656 706 745 780 756 762 795 821 836 833 827 821 814 809 813 851 832 777 733 661 566 766	

MILITARY FM00702171V AV-8B FLIGHT IDLE	F402-RR-405 40.00 % RPM	1 32.00 1	114.00	MEASURED	U.S.A.F.	10 NOV 1983 1000 FT	350 KTS 59	F 70 PCT
0. 0. 0	ıı. O	3 90.3 90.8 596 646 685 720 6	.0 396 702 735	.0 696 702 735 761 776 773 :	767 761 759 7	754 749 753 790 772	717 673 601 506	
Ě	F225.00 NF 5225.00 NF 89.2 93.9 100.0 5 0 0 637 618 648	2 GEAR AND FI 4973.00 80 0 91.8 95.7 4 648 733 750 716 6	FLAPS DOWN 8040.00 86 4.8 646 700 676	MEASURED 86.00 % NC 6 676 661 647	U.S.A.F. 83.30 652 646 653 6	28 FEB 1983 1000 FT 111.00 653 703 870 741 674	: 150 KTS 59 3 693 657 610 550	F 70 PCT
된	TF34-GE-100 6700.00 NF 93.4 95.1 100.7 5	2 NO DRAG 4973.00 80 7 96.9 98.3 1 631 737 812 826 7	8040.00 97 1.6 797 799 851	MEASURED 97.00 % NC 1 833 849 833	U.S.A.F. 83.30 824 829 827 8	28 FEB 1983 1000 FT) 111.00 836 829 813 825 781	r 350 kTS 59 1714 640 572 519	F 70 PCT
뜀	TF34-GE-100 6200.00 NF 92.1 95.0 101.2 3	2 NO DRAG 4973.00 80 96.2 97.9 2 58 754 861 827 7	8040.00 93 2.9 736 802 797	MEASURED .00 % NC 799 780 782	U.S.A.F. 83.30 776 785 783 7	28 FEB 1983 1000 FT) 111.00 794 771 821 870 756	r 300 kTS 59 1 687 671 651 647	F 70 PCT
뿝	TF34-GE-100 5325.00 NF 1 90.7 95.3 101.3	2 NO DRAG 4973.00 80 3 93.5 97.3 4 644 713 744 718	8040.00 87 4.6 643 716 684	MEASURED 87.00 % NC 684 726 700 669	U.S.A.F. 83.30 666 662 661 (28 FEB 1983 1000 FT 3 111.00 672 701 880 771 683 (00 FT 160 KTS 59 1 683 650 620 590 560	F 70 PCT
MILITARY FROLUCIUSIN A-37 TAKEOFF POWER 100.0 1 100.0 110.7 111.3 98.6	L7A 30 % RPM 99.2 107 3 683 663	2 EST. T-38 4 88.20 1 .7 105.5 106.4 653 743 803 823 7	+0.0DB 102.90 .6 773 833 853	ESTIMATED 863 863 883	. 893	27 DEC 1979 1000 FT 883 893 883 873 833 '	r 300 kts 59 : 783 733 683 653	F 70 PCT
MILITARY FMOLUGIDALV A-37 CRUISE POWER 1100.0 92.7 93.2 81.5 82.0 0 0 0 0 0 0 0 563	PM 89.5 553 543	2 EST. T-38 88.20 7.9 88.9 593 653 693	+0.0DB 102.90 .5 653 693 713	ESTIMATEI 713 713 723	U.S.A.F.	27 DEC 1979 1000 FT 713 703 683 683 643 (r 300 kts 59 3	F 70 PCT
MILITARY FM01001051V A-37 APPROACH FOWER 1 100.0 95.8 96.5 8	J85-GE-17A 91.00 % RPM 84.6 85.2 94.7 0 0 623 613 593	2 EST. T-38 88.20 7 92.7 93.7 593 653 723 743	+0.0DB 102.90 .6 713 763 733	ESTIMATED U.S.A.F.	U.S.A.F.	27 DEC 1979 1000 FT 743 733 713 683 663 (r 170 kTS 59 1 613 553 473 383	F 70 PCT
÷	R-2800-99W, J85-17 2800.00 RPM 91.0 92.8 103.9 9	2 EST. C-13 2224.00 9.2 100.8 774 946 904	0 13 86	ESTIMATEI. .00 IN HG 834 841 815	U.S.A.F. 27 21.60 811 786 777 776	27 DEC 1979 1000 FT 72.00 776 783 767 749 715	I 140 KTS 59 3	F 70 PCT
MILITAKY FMULLULUSIV C-123K R	R-2800-99W, J85-17 2400.00 RPM 76.4 77.6 93.2 0 0 790 660 580	99W, J85-17 2 EST. C-131 +0DB 00 RPM 2224.00 2979.00 77.6 93.2 88.7 90.2 1.2 0 790 660 580 680 800 780 770 740	11 +0DB 2979.00 2: 1.2 770 740 720	ESTIMATED U.S.A.F. 27 27.00 IN HG 21.60 720 700 700 670 660 650 640 630	U.S.A.F. 21.60 660 650 640 6	DEC 1979 72.00 620 590	1000 FT 120 KTS 59 3	F 70 PCT

MILITARY FW01101081P C-123K R-2800-99W, J85-17 Z EST. C-131 +T-38 ESTIMATED U.S.A.F. 27 DEC 1979 1000 FT 200 KTS 59 F TAKECFF WITH JETS 2800.00 RPM 2650.00 2900.00 60.00 IN HG 46.00 72.00 1 100.0 .0 .0 .0 106.6 105.3 106.5 1.2	70 PCT
0 0 0 0 769 801 710 792 948 910 FM01101091P	
-2800-99W, J85-17 2 EST. C-131 +T-38 ESTIMATED U.S.A.F. 27	70 PCT
APPROACH WITH JETS 2400.00 KPM 2500.00 2500.00 27.00 IN HG 21.60 40.00 1 100.0 ,96.9 97.9 84.9 86.0 96.6 94.0 95.1 1.1	
1101-GE-100 4 GEAR AND FLAP	70 PCT
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/ IOU.O 152.8 153.6 118.7 119.5 128.1 123.5 124.4 .8 O O O O O O 0 010341014 9951074113711621134109911351107109610861089107110591055105410431049106210511024 970 920	
F101-GE-100 4 GEAR AND FL	70 PCT
88.00 92.00	
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FM01201051V	
B-1 F101-GE-100 4 APPROACH MEASURED U.S.A.F. 10 FEB 1989 1000 FT 165 KTS 59 F	70 PCT
87.40 101.10	
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106.9 107.8 115.3 112.6 113.5	
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B-2A F118-GE-100 4 GEAR DOWN MEASURED U.S.A.F. 14 NOV 1994 1000 FT 230 KTS 59 F	70 PCT
15.00 95.00 104.00 % NC 72.50 105.00	
1.8 109.0 109.2 .1	
634 686 686 728 752 787 816 836 865 881 907 940 947 945 939 935 935 941 944 949 940 939 933 919 901 878 837 792 754 702	
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B-2A F118-GE-100 4 GEAR DOWN MEASURED U.S.A.F. 14 NOV 1994 1000 FT 210 KTS 59 F	70 PCT
15.00	
103.2 103.6 90.0 90.4 99.1 95.6 96.2 .4	
555 6U1 647 674 714 719 728 779 791 824 838 839 854 841 826 814 790 785 790 800 799 808 805 786 755 718 667 574 502 430 MILITARY FW01301191V	
F118-GE-100 4 GEAR DOWN MEASURED U.S.A.F. 14	70 PCT
15.00	
12 100.0 90.8 91.0 /8.1 /8.9 8/.9 83.3 83.7 .8 522 570 590 620 634 683 671 697 698 699 735 709 703 705 701 695 680 671 676 686 687 682 691 684 653 630 588 530 464 402 340	

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E SE	2.77 EPR	0,0	0350169	EE	2.37 EPR		40104610	Ē	1.48 EPR		880 881 8		留	1.57 EPR	ć	776 OT6		2.77 EPR		69104410		2	2.37 EPR		4510521	Ø	1.48		886 888		1.57		923 928		ţ	T-02 EFR	961 951		₹ ;	1.10 EPR	
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B-52G -0.6DB	00.	121.9	01910411	B-52G -0.6	78.30		9921025	0 600 D			20		B-52G -0.6DB		109.1		II. FROM	00.		.02510471		NO DRAG	72.90			NO DRAG	72.90		843 856	FILADS AND	72.90		892 930			112 2 114 E	990 989				TOZ:0 TO4:/
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	94.00 % RPM	23.	0 856 862		Σ	3.6 122.	837 817		83.50 % RPM	8.9 106.9	0 703 700 694 776			86.00 % RPM	100.5 111.8		¥	94.00 % RPM	4.5 123.	868		⋖ .	94.00 % RPM	123,	0 843 823	Æ	83.50 % RPM	8 100.0 111.0 111.9 98.6 99.5 108.0 103.9	710 706	4	86.00 % RPM	1.5 111.7			4	8200.00 LBS/HK	765		1		73.7 TO/./
7 J57-P-19W	94.00	_	0	J57-P-19W	94.00	1 100.0 125.7 125.7 113.6 113.6 1	0	757 T 2014	83.50	1 100.0 110.5 111.3 98.0 98.9 1	0		J57-P-19W	86.00	1 100.0 112.1 112.7 99.9 100.5 1		J57-P-43WA	94.00	1 100.0 125.3 125.9 113.9 114.5	0		J57-P-43WA	94.00	10 100.0 126.3 127.3 114.4 115.3	9	J57-P-43WA	83.50	98.6	0	7 .TE7_D_43WA	86.00	8 100.0 112.8 113.6 100.7 101.5	0		TF33-P-3	105 5 10	O 0 0 0 0 0 0 0 828		TF33-P-3	2110.00	70°.
.01021F	WET	125.3	0 0 01031V	ij		125.7	0 0	01041V	j	111.3	0	101051V		ا ب	112.7	0 0 102021#	ה ה		125.9	0	102031V			3 127.3	0 0 102041V	ני)	0.111.9	0	402051V .T		3 113.6	0	403031V		100	0 0	403041V	T	· · · · · · · · · · · · · · · · · · ·	0.211 C
MILITARY FM01401021F B-52B&D&E	TAKEOFF POWER-WET	.0 124.7	0 0 0 0 0 0 MILITARY FM01401031V	330	TAKEOFF POWER	.0 125.7	0	MILITARY FM01401041V	B-548&D&E	.0 110.5	0	MILITARY FM01401051V	D&E	APPROACH POWER	.0 112.	0 0 0 0 0 0 WITT.TTM		F-WET	.0 125.3	0	MILITARY FM01402031V		TAKEOFF POWER	.0 126.	0 0 0 0 0 0 WII.TERPY FM01402041V		CRUISE POWER	.0 111.0	0	MILITARY FM01402051V	APPROACH POWER	.0 112.	0	MILITARY FM01403031V	1	TAKEOFF POWER	0 0	MILITARY FM01403041V		CRUISE POWER	8 100.0 109.5 112.6 95.1
MILITARY B-52B&D&E	TAKEOF	1 100	0 MILITAL	B-52B&D&E	TAKEOF	1 100	0	MILITA	B-52B&D&E	1 100	0	MILITA	B-52B&D&E	APPROA	1 100	U U	B-52G	TAKEOFF-WET	1 100	0	MILITA	B-52G	TAKEOF	10 100	0 4.T.T.T.W	B-52G	CRUISE	8 100	0	MILITA	ADDROA	8 100	0	MILITA	в-52н	TAKEOF	1	MILITA	в-52н	CRUISE	S TOL

MILITARY FW01403051V B-52H TF33-P-3 8 APP. DRAG CONFIGURATION MEASURED U.S.A.F. 27 DEC 1979 1000 FT 150 KTS	59 F 70 PCT
0 LBS/HR 1688.00 9840.00 1.25 EPR .98 1.98 06.9 116.3 108.0 111.9 4.4	2
21 763 827 862	611
B-57E&G J65-W-5/J65-W-5D 2 GEAR DOWN MEASURED U.S.A.F. 27 DEC 1979 1000 FT 200 KTS	59 F 70 PCT
) 115.6 103.4 104.1 111.9 109.2 110.2	
0 0 0 0 0 0 0 780 766 762 845 944 980 952 946 981 965 963 960 950 939 925 919 909 886 863 841 788 739 696	652
Z GEAR DOWN	59 F 70 PCT
AFFROACH FOWER 82.00 % RFM 75.00 103.70 8 100.0 98.1 99.0 86.8 87.7 96.0 92.9 94.2 .9	
727 785 793 73	431
J65-W-5/J65-W-5D 2 NO DRAG	59 F 70 PCT
INTERMEDIATE POWER 92.00 % RPM 75.00 103.70	
826 838 7	
C-5A TF39-GE-1A 4 GEAR DOWN, 40% FLAPS WEASURED U.S.A.F. 08 JAN 1990 1000 FT 185 KTS	59 F 70 PCT
2.39 5.88 93.00 % NF 54.40 111.60 94.00 % NC	. 8
0.0 120.6 123.6 107.1 110.1 118.9 113.5 116.0 3.0	,
0 0 0 0 0 0 0 724 706 772 873 888 925 811 873 868 911 927 927 898 928 957 9351007 978 926 938 882 848 810	770
FARY FM01601041P	
TF39-GE-1A 4 NO DRAG MEASURED U.S.A.	59 F 70 PCT
2.00	00.
112.7 117.0 102.9 107.2 109.7 105.3 109.4 4.3	
0 0 0 0 0 0 0 0 862 860 77 739 738 666 691 742 707 722 727 825 863 980 897 862 910 862 860 793 747 714	689
TF39-GE-1A 4 GEAR DOWN, 100% FLAPS MEASURED U.S.A.F. 08 JAN 1990 1000 FT	70 PCT
AAPPOOLH FOWER 2.99 EPR 2.39 5.88 68.00 % NF 54.40 111.60 83.00 % NC	00.
LU9:3 1114:0 3:2 E 704 701 707 719 733 767 734 743 759 013 057 0501014 000 000 000 011 011 011	•
ARY FW01601061V	126
C-5A TF39-GE-1A 4 GEAR DOWN, 100% FLAPS MEASURED U.S.A.F. 08 JAN 1990 1000 FT 130 KTS	FO 02 H 65
2.39 5.88 75.00 % NF 54.40 111.60 86.00 % N	. 8
111.2 115.1 5.	
0 0 0 0 0 0 0 750 743 732 745 815 824 755 737 801 743 764 777 786 872 8591050 933 873 948 875 885 846 833	829
TF39-GE-1A 4 GEAR DOWN, 40% FLAPS	59 F 70 PCT
2.50 4.00 71.00 % NF 65.00 80.00 85.00 % N	8
117.1 121.2 106.1 110.2 114.5 109.7 113.1 4.1	
0 0 0 0 0 0 0 0 888 884 948 878 683 706 761 782 731 713 762 732 748 751 796 842 9481035 888 884 948 878 856 839 820 MILITARY EMPIROLOGIV	808
C-5A TF39-GE-1A 4 GEAR DOWN 40% FLADS MEASTERST IT G & T AN 1000 1000 THE 10E WHO	E
OFF POWER 4.90 EPR 2.39 5.88 93.00 % NF 54.40 111.60 94.00 % N	00.
6 107.1 110.1 118.9 113.5 116.0 3.0	
0 0 0 0 0 0 0 724 706 772 873 888 925 811 873 868 911 927 927 898 928 957 9351007 978 926 938 882 848 810 770	70

MILITARY FM01601041P C-5a TER39-GE-1A 4 NO DRAG MEASURED U.S.A.F. 08 JAN 1990 1000 FT 3	250 KTS 59 F	70 PCT
2.00 3.00 68.00 % NF 60.00 75.00 86.00 % 1		00.
.7 117.0 102.9 107.2 109.7 105.3 109.4		
0 0 0 0 0 0 0 609 620 632 677 739 738 666 691 742 707 722 727 825 863 980 897 862 910 862 860 793 747 714 689	747 714 689	
N, 100% FLAPS MEASURED U.S.A.F. 08 JAN 1990 1000 FT	59 F	70 PCT
APPROACH POWER 2.99 EPR 2.39 5.88 68.00 % NF 54.40 111.60 83.00 % NC	00.	00.
17 718 723 767 724 743 758 812 857 9591014 900 896	926 851 815 781 749 726	
MILITARY FM01601061V		
IN, 100% FLAPS MEASURED U.S.A.F. 08 JAN 1990 1000 FT	130 KTS 59 F	70 PCT
INTERMEDIATE POWER 3.38 EPR 2.39 5.88 75.00 % NF 54.40 111.60 86.00 % NC	00.	00.
5.2		
0 0 0 0 0 0 750 743 732 745 815 824 755 737 801 743 764 777 786 872 8591050 933 873 948 875 885	846 833 829	
MILITARY FM01601131P		
N, 40% FLAPS MEASURED U.S.A.F. 08 JAN 1990 1000 FT	165 KTS 59 F	70 PCI
	00.	00.
10 100.0 117.1 121.2 106.1 110.2 114.5 109.7 113.1 4.1		
0 0 0 0 0 0 720 680 683 706 761 782 731 713 762 732 748 751 796 842 9481035 888 884 948 878 85	948 878 856 839 820 808	
C-5A TF39-GE-1A 4 GEAR DOWN, 40% FLAPS MEASURED U.S.A.F. 08 JAN 1990 1000 FT 185 KTS	59 F	70 PCT
INTERMED POWER (MIL) 4.00 EPR 2.39 5.88 80.00 % NF 54.40 111.60 89.00 % NC	00.	00.
0 0 0 0 0 749 728 744 808 840 833 784 800 839 814 824 833 850 926 9351008 998 905 935 937 862 820 790 770	320 790 770	
1000-7M2 2 GEAR DOWN MEASURED U.S.A.F. 27	O KTS 59 F	70 PCT
1867.00		
00.5 98.0 99.2 1.3		
0 0 0 0 0 0 0 653 699 688 761 884 851 796 847 829 839 807 807 793 783 760 747 734 703 684 655 602 554 490 426	554 490 426	
2 GEAR DOWN MEASURED U.S.A.	90 KTS 59 F	70 PCT
APPROACH POWER 2250.00 RPM 1867.00 2793.00 27.00 IN HG 21.60 59.30		
7 100.0 90.2 91.8 76.5 78.1 92.7 88.5 89.9 1.6		
0 0 0 0 0 0 757 672 632 729 781 808 696 722 731 692 681 673 648 647 630 625 616 582 545 505 445 383 317 250	383 317 250	
C-7A R-2000-7M2 2 NO DRAG MEASURED U.S.A.F. 27 DEC 1979 1000 FT 140 KTS	0 KTS 59 F	70 PCT
INTERMEDIATE FOWER 2550.00 RPM 1867.00 2793.00 35.00 IN HG 21.60 59.30		
8 100.0 92.9 94.3 79.9 81.4 93.6 90.5 91.7 1.5		
0 0 0 0 0 0 722 654 607 722 781 803 738 790 743 742 725 716 693 689 660 649 625 596 560 50	456 399 342	

APPENDIX F

Sample Ground Runup Data in Noisefile 7

This Appendix contains the complete listing of all ground runup (static) noise data for the first ten aircraft in Noisefile 7. This partial listing of the ground runup data in Noisefile 7 illustrates the format and content of each dataset. A complete listing of all ground runup data would require two-hundred and fifty-five pages. The complete listing is available in electronic form. The listing is in sequence by aircraft ID. Each dataset defines the noise levels for one aircraft power condition. A detailed description of the content and format of the ground runup noise dataset is given in Appendix B. A summary of the aircraft and power conditions for all ground runup aircraft in Noisefile 7 is given in Appendix D.

MILITAR		10103		0 1567	100		T.IT T.C	u uou	er.	7 10	107 CT 10	וז חים	.s.a.	E.	15 N	MD 10	an ei	פומת	Engin	e Data
F100-PW MAX PWR			FIO	0-PW- 92.0	0 % E	PM	HUS	H HOU 2.4	SE O EPR	1 M			O LBS			50 FT		1916 F 70	_	29.92 IN HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16 17	815	803	828	831	858	875	858	893	885	863	887	930	953	967	-	-	-	•	1035	
18	788	779	783	807	786	822	811	862	855	872	852	896	906	929	934	972	996	994	999	
19	764	718	741	746	743	743	731	785	812	836	846	872	879	866	829	862	914	909	909	
20	808	753	746	735	705	726	718	735	760	815	804	835	840	845	812	817	817	845	809	
21	762	719	717	726	689	714	708	712	727	777	761	788	793	785	782	774	785	785	763	
22	755	715	711	717	672	691	698	690	706	751	742	763	769	769	763	751	745	745	748	
23	749	711	705	708	656	667	689	667	685	724	737	784	773	773	764	728	742	742	733	
24	742	707	699	699	639	644	679	645	664	698	768	804	829	815	824	793	788	724	719 704	
25	735	704	693	690	623	621	669	622	643	672	719 670	771 719	771 719	774 729	791 721	759 709	739 689	707 689	689	
26 27	729	700	687 724	681 751	606 679	597 690	660 650	600 673	622 650	646 635	653	672	687	712	697	702	655	680	664	
27 28	778 749	748 721	695	715	673	700	645	645	660	624	636	650	674	726	702	702	667	694	656	
28 29	718	693	661	669	661	663	650	641	644	635	648	677	709	742	726	712	659	672	639	
30	706	676	649	664	642	644	607	619	612	605	621	655	685	728	716	702	674	657	627	
31	745	711	683	691	668	668	647	633	618	619	631	668	693	703	705	735	691	657	623	
32	736	698	686	676	658	661	645	611	626	607	613	656	673	708	713	738	660	616	594	
33	665	644	641	626	602	594	585	562	585	576	584	642	656	689	666	691	610	584	563	
34	583	558	581	570	560	536	569	551	551	548	564	616	645	623	618 597	642 630	586 573	561 552	550 590	
35	579	563	571	564	549 537	526 517	553 536	541 530	559 568	550 552	504 444	615 582	599 539	594 579	577	597	560	542	574	
36 37	575 588	569 574	560 550	559 554	526	508	520	520	577	554	384	601	479	564	557	587	546	532	558	
38	596	573	540	549	514	498	504	509	566	546	324	559	419	550	551	572	533	523	541	
39	599	565	530	536	503	489	488	498	567	551	264	517	359	535	544	569	520	513	525	
40	593	549	517	-00	400	470	471	488	549	521	204	475	299	496	511	547	500	503	522	
	373	343	2T /	503	492	479	4/1	400	フェン	222	204	4/5	200	400			500	505		
MILITAR	Y RMOO		V			4/9														- Dobo
F100-PW	Y RMOO		V	0-PW-	100			н нои	SE		EASUR	ED U	.s.a.	F.	15 M	AR 19	90 Si	ngle	Engin	e Data
F100-PW MIL PWR	Y RM00 -100	10104	V F10	0-PW- 92.0	100 0 % R	PM	HUS	H HOU	SE O EPR	1 M	EASUR 8	ED U 582.0	.s.a. 0 LBS	F. /HR	15 M	AR 19 50 FT	90 Si 59	ngle F 70	Engin PCT	e Data 29.92 IN HG
F100-PW MIL PWR BAND	Y RM00 -100 0	10104 10	V F10 20	0-PW- 92.0 30	100 0 % R 40	PM 50	HUS 60	H HOU 2.4 70	SE O EPR 80	1 M	EASUR 8 100	ED U 582.0 110	.S.A. 0 LBS 120	F.	15 M	AR 19	90 Si	ngle	Engin	
F100-PW MIL PWR BAND 10	Y RM00 -100 0 0	10104 10 0	V F10 20 0	0-PW- 92.0 30 0	100 0 % R	PM	HUS	H HOU 2.4 70 0	SE O EPR	1 M	EASUR 8	ED U 582.0	.s.a. 0 LBS	F. /HR 130	15 M 2 140	AR 19 50 FT 150	90 Si 59 160	ngle F 70 170	Engin PCT 180	
F100-PW MIL PWR BAND	Y RM00 -100 0	10104 10	V F10 20	0-PW- 92.0 30	100 0 % R 40 0	IPM 50 0	HUS 60 0	H HOU 2.4 70	SE O EPR 80 O	1 M 90 0	EASUR 8 100 0	ED U 582.0 110 0	7.S.A. 0 LBS 120 0	F. /HR 130 0	15 M 2 140 0	AR 19 50 FT 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0	
F100-PW MIL PWR BAND 10 11	Y RM00 -100 0 0	10104 10 0 0	V F10 20 0 0	0-PW- 92.0 30 0	100 0 % R 40 0	IPM 50 0	HUS 60 0	H HOU 2.4 70 0	SE O EPR 80 0	1 M 90 0 0	EASUR 8 100 0 0	ED U 582.0 110 0	7.S.A. 0 LBS 120 0	F. /HR 130 0 0	15 M 2 140 0	AR 19 50 FT 150 0	90 Si 59 160 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0	
F100-PW- MIL PWR BAND 10 11 12	Y RM00 -100 0 0 0 0	10104 10 0 0	V F10 20 0 0	0-PW- 92.0 30 0 0	100 0 % R 40 0 0	DPM 50 0 0 0	HUS: 60 0 0	H HOU 2.4 70 0 0 0 0	SE 0 EPR 80 0 0 0	1 M 90 0 0 0 0	EASUR 8 100 0 0 0	ED U 582.0 110 0 0 0	0 LBS 120 0 0 0 0	F. /HR 130 0 0 0	15 M 2 140 0 0 0 0	AR 19 50 FT 150 0 0 0	90 Si 59 160 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0	
F100-PW MIL PWR BAND 10 11 12 13 14	Y RM00 -100 0 0 0 0 0	10104 10 0 0 0 0	V F10 20 0 0 0 0 0 0	0-PW- 92.0 30 0 0 0 0	100 0 % R 40 0 0 0	DPM 50 0 0 0 0 0 0 0 0 0 0	HUS 60 0 0 0 0	H HOU 2.4 70 0 0 0 0	SE 0 EPR 80 0 0 0 0 0 0 0 0 0 0 0	1 M 90 0 0 0 0	EASUR 8 100 0 0 0 0	ED U 582.0 110 0 0 0 0	7.S.A. 0 LBS 120 0 0 0 0	F. /HR 130 0 0 0 0	15 M 2 140 0 0 0 0	AR 19 50 FT 150 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	Engin PCT 180 0 0 0 0	
F100-PW-MIL PWR BAND 10 11 12 13 14 15	Y RM00 -100 0 0 0 0 0 0	10104 10 0 0 0 0 0	V F10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0-PW- 92.0 30 0 0 0 0	100 0 % R 40 0 0 0 0	DPM 50 0 0 0 0 0 0 0 0 0 0 0	HUS 60 0 0 0 0 0	H HOU 2.4 70 0 0 0 0 0	SE 0 EPR 80 0 0 0 0 0	1 M 90 0 0 0 0 0	EASUR 8 100 0 0 0 0 0	ED U 582.0 110 0 0 0 0 0	1.S.A. 0 LBS 120 0 0 0 0 0	F. /HR 130 0 0 0 0	15 M 2 140 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	Engin 180 0 0 0 0 0 0	
F100-PW-MIL PWR BAND 10 11 12 13 14 15 16 17	Y RM00 -100 0 0 0 0 0 0 0 0	10104 10 0 0 0 0 0 0	V F10 20 0 0 0 0 0 0	0-PW- 92.0 30 0 0 0 0 0	100 0 % R 40 0 0 0 0 0 0	DPM 50 0 0 0 0 0 0 0 0 739	HUS 60 0 0 0 0 0 0 0	H HOU 2.4 70 0 0 0 0 0 0	SE 0 EPR 80 0 0 0 0 0 0	1 M 90 0 0 0 0 0 0 760	EASUR 8 100 0 0 0 0 0 0	ED U 582.0 110 0 0 0 0 0 0	7.S.A. 0 LBS 120 0 0 0 0 0 0	F. /HR 130 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	Engin PCT 180 0 0 0 0	
F100-PW-MIL PWR BAND 10 11 12 13 14 15 16 17 18	Y RM00 -100 0 0 0 0 0 0 0 0 0 687 696	10104 10 0 0 0 0 0 0 0 661 663	V F10 20 0 0 0 0 0 0 0 698 695	0-PW- 92.0 30 0 0 0 0 0 0 0	100 0 % R 40 0 0 0 0 0 0 718 709	DPM 50 0 0 0 0 0 0 0 0 739 724	HUS 60 0 0 0 0 0	H HOU 2.4 70 0 0 0 0 0	SE 0 EPR 80 0 0 0 0 0	1 M 90 0 0 0 0 0	EASUR 8 100 0 0 0 0 0	ED U 582.0 110 0 0 0 0 0	1.S.A. 0 LBS 120 0 0 0 0 0	F. /HR 130 0 0 0 0	15 M 2 140 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 0	90 Si 59 160 0 0 0 0 0	ngle F 70 170 0 0 0 0 0	Engin PCT 180 0 0 0 0 0 0 0 883	
F100-PW-MIL PWR BAND 10 11 12 13 14 15 16 17	Y RM00 -100 0 0 0 0 0 0 0 0	10104 10 0 0 0 0 0 0 661 663 665	V F10 20 0 0 0 0 0 0	0-PW- 92.0 30 0 0 0 0 0	100 0 % R 40 0 0 0 0 0 0	DPM 50 0 0 0 0 0 0 0 0 739	HUS 60 0 0 0 0 0 0 0 725 714	H HOU 2.4 70 0 0 0 0 0 0 0 757 742	SE 0 EPR 80 0 0 0 0 0 0 0 760 746	1 M 90 0 0 0 0 0 0 0 760 746	EASUR 8 100 0 0 0 0 0 0 754 743	ED U 582.0 110 0 0 0 0 0 0 773 743	0 LBS 120 0 0 0 0 0 0 0 0 797 790	F. /HR 130 0 0 0 0 0 0 0 793 747	15 M 2 140 0 0 0 0 0 0 0 0 840 747	AR 19 50 FT 150 0 0 0 0 0 0 0 860 792	90 Si 59 160 0 0 0 0 0 0 873 822	ngle F 70 170 0 0 0 0 0 0 880 839	Engin PCT 180 0 0 0 0 0 0 883 819	
F100-PW-MIL PWR BAND 10 11 12 13 14 15 16 17 18 19	Y RM00 -100 0 0 0 0 0 0 0 0 0 687 696 705	10104 10 0 0 0 0 0 0 661 663 665	V F10 20 0 0 0 0 0 0 0 698 695 692	0-PW- 92.0 30 0 0 0 0 0 0 0 0 696 694 692	100 0 % R 40 0 0 0 0 0 0 718 709	50 0 0 0 0 0 0 0 0 739 724 710	HUS 60 0 0 0 0 0 0 0 725 714 703	H HOU 2.4 70 0 0 0 0 0 0 0 757 742 727	SE 0 EPR 80 0 0 0 0 0 0 0 0 760 746 732	1 M 90 0 0 0 0 0 0 0 760 746 732	EASUR 8 100 0 0 0 0 0 0 754 743 729	ED U 582.0 110 0 0 0 0 0 0 773 743 738	7.S.A. 0 LBS 120 0 0 0 0 0 0 797 790 742 745 735	F. /HR 130 0 0 0 0 0 793 747 731 715 716	15 M 2 140 0 0 0 0 0 0 0 0 840 747 726 705 708	AR 19 50 FT 150 0 0 0 0 0 0 0 860 792 769 746 722	90 Si 59 160 0 0 0 0 0 0 873 822 723 705 696	ngle F 70 0 0 0 0 0 0 0 880 839 748 715 703	Engin PCT 180 0 0 0 0 0 0 883 819 802 785 768	
F100-PW-MIL PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22	Y RM00 -100 0 0 0 0 0 0 0 0 0 687 696 705 713 722 731	10104 10 0 0 0 0 0 0 661 663 665 667 670 672	V F10 20 0 0 0 0 0 0 698 695 692 688 685 682	0-PW- 92.0 30 0 0 0 0 0 0 0 696 694 692 690 688 685	100 0 % R 40 0 0 0 0 0 0 718 709 700 691 682 674	DPM 50 0 0 0 0 0 0 0 739 724 710 695 680 665	HUS 60 0 0 0 0 0 0 725 714 703 692 680 669	H HOU 2.4 70 0 0 0 0 0 0 757 742 727 713 698 683	SE 0 EPR 80 0 0 0 0 0 0 0 0 760 746 732 718 704 690	1 M 90 0 0 0 0 0 0 0 760 746 732 718 704 690	EASUR 8 100 0 0 0 0 0 0 754 743 729 716 702 688	ED U 582.0 0 0 0 0 0 0 0 773 743 738 732 726 721	7.S.A. 0 LBS 120 0 0 0 0 0 0 797 790 742 745 735 725	F. /HR 130 0 0 0 0 0 793 747 731 715 716 717	15 M 2 140 0 0 0 0 0 0 0 0 840 747 726 705 708 712	AR 19 50 FT 150 0 0 0 0 0 0 860 792 769 746 722 699	90 Si 59 160 0 0 0 0 0 0 873 822 723 705 696 688	ngle F 70 170 0 0 0 0 0 0 880 839 748 715 703 690	Engin PCT 180 0 0 0 0 0 0 883 819 802 785 768 752	
F100-PW-MIL PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Y RM00 -100 0 0 0 0 0 0 0 0 687 696 705 713 722 731 739	10104 10 0 0 0 0 0 661 663 665 667 670 672 674	F10 20 0 0 0 0 0 0 698 695 692 688 685 682 678	0-PW- 92.0 30 0 0 0 0 0 0 696 694 692 690 688 685 683	100 0 % R 40 0 0 0 0 0 718 709 700 691 682 674 665	DPM 50 0 0 0 0 0 0 0 0 739 724 710 695 680 665 650	HUS 60 0 0 0 0 0 725 714 703 692 680 669 658	H HOU 2.4 70 0 0 0 0 0 0 757 742 727 713 698 683 668	SE 0 EPR 80 0 0 0 0 0 0 0 0 0 0 0 760 746 732 718 704 690 676	90 0 0 0 0 0 0 760 746 732 718 704 690 676	EASUR 8 100 0 0 0 0 0 0 754 743 729 716 702 688 675	ED U 582.0 0 0 0 0 0 0 0 773 743 738 732 726 721 715	7.S.A. 0 LBS 120 0 0 0 0 0 0 797 790 742 745 735 725 715	F. /HR 130 0 0 0 0 0 0 0 0 0 793 747 731 715 716 717 718	15 M 2 140 0 0 0 0 0 0 0 840 747 726 705 708 712 715	AR 19 50 FT 150 0 0 0 0 0 0 860 792 769 746 722 699 676	90 Si 59 160 0 0 0 0 0 0 873 822 723 705 696 688 679	ngle F 70 170 0 0 0 0 0 0 880 839 748 715 703 690 677	Engin PCT 180 0 0 0 0 0 883 819 802 785 768 752 735	
F100-PW-MIL PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Y RM00 -100 0 0 0 0 0 0 0 0 687 696 705 713 722 731 739 748	10104 10 0 0 0 0 0 661 663 665 667 670 672 674 676	V F10 20 0 0 0 0 0 0 698 695 692 688 685 682 678 675	0-PW- 92.0 30 0 0 0 0 0 696 694 692 690 688 685 683	100 0 % R 40 0 0 0 0 718 709 700 691 682 674 665 656	DPM 50 0 0 0 0 0 0 0 739 724 710 695 680 665 650 636	HUS 60 0 0 0 0 0 725 714 703 692 680 669 658 647	H HOU 2.4 70 0 0 0 0 0 0 757 742 727 713 698 683 668 654	SE 0 EPR 80 0 0 0 0 0 0 0 760 745 718 704 690 676 662	1 M 90 0 0 0 0 0 0 0 760 746 732 718 704 690 676 662	EASUR 8 100 0 0 0 0 0 754 743 729 716 702 688 675 661	ED U 582.0 110 0 0 0 0 773 743 738 732 726 721 715 702	7.S.A. 0 LBS 120 0 0 0 0 0 797 790 742 745 735 725 715 699	F. /HR 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 840 747 726 705 708 712 715 692	AR 19 50 FT 150 0 0 0 0 0 0 860 792 769 746 722 699 676 653	90 Si 59 160 0 0 0 0 0 873 822 723 705 696 688 679 670	ngle F 70 0 0 0 0 0 0 0 0 880 839 748 715 703 690 677 664	Engin PCT 180 0 0 0 0 0 883 819 802 785 768 752 735 718	
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80 % RF	M ENG		•	80.0	00 % F			1.0	7 EPR			774.0	00 LBS			250 F1				29.92		I G
BAND 10	0	10 0	20 0	30 0	40 · 0	50 0	60 0	70 0	80 0	90 0	100	110	120 0	130 0	140 0	150 0	160 0	170 0	180 0			
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
13 14	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
17	623 625	591	635	595	603	593	588	631	615	605	597	605	630	610	695	693	700	657	657			
18 19	596	618 586	635 608	615 588	608 588	618 588	605 580	612 608	612 580	613 583	589 584	614 606	634 592	614 594	696 654	684 654	682 629	664 626	674 629			
20	634	631	639	629	621	611	617	624	614	603	585	600	615	597	743	743	717	703	695			
21	650	638	633	620	620	630	628	633	613	604	590	617	625	597	705	705	687	683	677			
22 23	665 621	652 644	609 631	595 599	599 579	609 597	585 544	592 544	565 529	561 520	544 496	566 534	581 544	564 564	634 581	616 541	606 574	608 546	641 604			
24	710	668	700	635	630	660	558	600	555	543	525	559	599	599	607	587	585	577	652			
25	693	656	623	606	559	583	526	551	511	508	512	562	555	592	615	572	595	605	605			
26 27	616 573	603 523	579 545	546 508	483 471	516 481	469 448	469 418	446 415	452 433	483 472	503 492	519 500	556 487	559 534	546 530	573 550	581 570	556 544			
28	547	515	517	489	467	482	459	422	427	455	481	511	494	474	546	521	531	528	526			
29	528	511	478	444	448	464	446	426	421	455	456	489	479	466	544	502	499	509	499			
30	478	466	468	430	433	453	423	400	388	451	418	470	456	448	520	488	486	483	480			
31 32	471 478	465 478	463 468	448 464	448 456	453 456	431 428	415 401	373 401	405 411	388 383	435 408	438 428	413 423	501 476	455 433	455 443	451 450	451 458			
33	465	472	475	465	438	440	410	395	385	390	393	411	426	419	466	426	433	459	499			
34	467	482	469	462	439	435	417	405	399	452	408	435	440	435	475	428	442	462	495			
35 36	532 502	544 522	522 484	516 477	474 437	474 437	452 422	459 430	439 432	447 459	452 405	479 440	462 415	475 435	517 493	469 443	497 470	525 505	557 520			
37	552	602	544	547	532	517	542	567	570	570	451	568	448	458	478	431	448	465	493			
38	502	494	462	454	424	427	424	437	442	443	371	459	391	409	461	409	436	461	509			
39 40	509 521	514 526	474 481	467	429	431	421	431	439	477	375	391	375	403	455	393	425	445	493			
-20																	411					
MILITAR				471	456	446	451	481	476	438	371	399	369	389	436	381	411	436	491			
J75-P-1	Y RM00 7		F J75	-P-17			HUS	H HOU	SE				.s.a.		15 M	AR 19	90 Si	ngle	Engin	e Data		-
J75-P-1 MAX PWR	Y RM00 7 .A/B	10203	F J75	-P-17 103.0	0 % R	.PM	HUS 19	H HOU 825.0	SE O LBS	1 M	EASUR	ED U	.s.a.	F.	15 M	AR 19 50 FT	90 Si 59	ngle F 70	Engin PCT	e Data 29.92		G
J75-P-1 MAX PWR BAND 10	Y RM00 7		F J75	-P-17			HUS	H HOU	SE						15 M	AR 19	90 Si	ngle	Engin PCT 180 0			G
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J75-P-1 MAX PWR BAND 10 11 12	Y RM00 7 A/B 0	10203 10 0	J75 20 0	-P-17 103.0 30 0	0 % R 40 0	.PM 50 0	HUS 19 60 0	H HOU 825.0 70 0	SE 0 LBS 80 0	1 M 90 0	EASUR 100 0 0	ED U 110 0 0 0	120 0	F. 130 0 0	15 M 2 140 0	AR 19 50 FT 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0 0			G
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J75-P-1 MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	Y RM00 7 A/B 0 0 0 0 0 879 874 850 812 748 701 673 684 667 662 670 644 616 5079 550 533 533	10203 10 0 0 0 0 0 0 0 0 879 874 850 812 748 701 673 684 667 662 672 670 644 616 606 579 563 533 545 523	F J75 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-P-17 103.0 30 0 0 0 0 0 0 879 874 850 812 748 701 673 684 667 662 672 670 644 616 606 579 560 533 533 545 523	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 19 60 0 0 0 0 0 0 879 874 850 812 748 701 673 684 667 662 670 644 616 606 579 560 533 533 545 523	H HOU 825.0 0 0 0 0 0 0 0 879 874 850 812 748 701 673 684 767 662 672 670 644 616 606 579 563 533 545 523	SE 0 LBS 80 0 0 0 0 0 0 879 874 850 8812 748 701 673 684 6672 670 644 616 606 579 560 3533 545 523	1 M 90 0 0 0 0 0 0 0 0 882 891 774 736 716 724 680 665 665 665 651 623 604 581 563 563 563 563 563 563 563	EASUR 1000 0 0 0 0 0 0 0 882 891 774 736 716 724 680 724 680 6657 662 666 651 623 604 581 563 5540 533 541 515	ED U 110 0 0 0 0 0 0 902 881 733 747 697 697 6674 6674 6674 6633 614 593 577 5553 541 545 511	120 0 0 0 0 0 0 0 0 977 911 880 837 804 758 746 769 732 690 666 649 638 621 615 585 553 511	F. 130 0 0 0 0 0 0 0 992 944 895 7791 764 766 789 730 666 656 648 646 650 583 551 548 518	15 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 0 0 1015 978 827 786 744 733 767 737 766 666 656 674 649 593 545 553 515	90 Si 59 160 0 0 0 0 0 0 0 0 1015 978 893 827 786 744 733 767 737 694 682 676 666 656 674 649 553 553 553 515	ngle F 70 170 0 0 0 0 0 0 1015 978 893 827 786 744 733 767 737 766 666 656 6674 649 593 545 553 515	Engin PCT 180 0 0 0 0 0 0 1015 978 893 827 786 744 733 767 737 694 682 676 666 656 674 649 593 553 553 515			G
J75-P-1 MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	Y RM00 7 A/B 0 0 0 0 0 0 879 874 850 812 748 701 673 684 667 662 672 674 616 606 579 560 533 535 523	10203 10 0 0 0 0 0 0 0 879 874 850 812 748 701 673 684 667 662 670 644 616 606 579 560 533 533 545	F J75 20 0 0 0 0 0 0 879 874 850 812 748 701 673 684 667 662 672 670 644 616 606 579 560 533 533 545 523	-P-17 103.0 0 0 0 0 0 0 879 874 850 812 748 850 667 662 677 662 677 662 677 662 677 653 533 535	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 19 60 0 0 0 0 0 0 879 874 850 812 748 701 673 664 667 662 670 644 616 606 579 560 533 533 545	H HOU 825.0 70 0 0 0 0 0 0 879 874 850 812 748 701 662 672 670 644 616 606 579 560 533 533 545	SE 0 LBS 80 0 0 0 0 0 0 879 874 850 812 748 667 662 670 644 616 607 553 3545	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 882 891 853 827 774 736 716 724 680 657 662 666 651 623 604 5581 563 540 533 541	ED U 110 0 0 0 0 0 0 902 881 885 832 776 7751 733 747 697 674 676 670 654 633 614 633 577 553 541 545	1.S.A. 120 0 0 0 0 0 0 977 911 880 837 804 758 746 769 734 702 690 666 649 638 621 615 605 585 553	F. 130 0 0 0 0 0 0 992 944 895 857 791 766 789 730 666 656 656 658 646 650 583 551 548	15 M 2 140 0 0 0 0 0 0 0 0 999 961 850 819 788 787 732 667 669 664 659 664 659 550 558 543	AR 19 50 FT 150 0 0 0 0 0 0 1015 978 893 827 786 744 733 767 737 694 682 676 666 656 674 649 593 553 545 553	90 Si 59 160 0 0 0 0 0 0 0 0 1015 978 893 827 786 674 674 733 767 737 694 682 676 666 656 656 654 659 553 553	ngle F 70 0 0 0 0 0 0 0 1015 978 893 827 786 644 733 767 737 694 682 676 666 656 676 666 656 674 593 553 553	Engin PCT 180 0 0 0 0 0 0 1015 978 893 827 786 744 733 767 737 694 682 676 666 656 666 654 649 593 553 545 553			G

MILITARY J75-P-17		10204		-P-17	,		HUS	н нои	SE	1 M	EASUR	ED U	.s.a.	F.	15 M	AR 19	90 Si	ngle	Engin	e Data
MIL PWR			0,0		8 8 O	PM			0 LBS						2	50 FT	59	F 70	PCT	29.92 IN HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110 0	120 0	130 0	140	150 0	160 0	170 0	180 0	
10 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o	0	
12	0	o	0	ō	ō	ō	ŏ	Ö	ō	ō	ō	ō	ō	ō	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	779	779	779	779	779	779	779	779	779	789	767	767	812	845	885	907	907	907	907	
18	748	748	748	748	748	748	748	748	748	778	784	798	821	776	806	846	846	846	846	
19	733	733	733	733	733	733	733	733	733	755	730 722	735 717	777 739	760 729	770 737	765 735	765 735	765 735	765 735	
20 21	699 681	699 681	699 681	699 681	699 681	699 681	699 681	699 681	699 681	715 688	696	696	686	701	728	731	731	731	731	
22	641	641	641	641	641	641	641	641	641	656	678	691	694	714	694	678	678	678	678	
23	630	630	630	630	630	630	630	630	630	643	673	656	696	748	690	660	660	660	660	
24	647	647	647	647	647	647	647	647	647	644 584	687 622	674 652	714 662	749 672	714 660	699 674	699 674	699 674	699 674	
25 26	657 592	657 592	657 592	657 592	657 592	657 592	657 592	657 592	657 592	577	584	602	624	604	647	642	642	642	642	
27	626	626	626	626	626	626	626	626	626	602	622	602	616	609	624	646	646	646	646	
28	623	623	623	623	623	623	623	623	623	608	583	603	616	600	626	646	646	646	646	
29	576	576	576	576	576	576	576	576	576	576	561	574 553	584 566	581 589	604 589	646 629	646 629	646 629	646 629	
30 31	561 544	561 544	561 544	561 544	561 544	561 544	561 544	561 544	561 544	546 534	551 534	541	556	574	586	614	614	614	614	
32	519	519	519	519	519	519	519	519	519	511	546	526	551	579	583	581	581	581	581	
33	483	483	483	483	483	483	483	483	483	490	555	525	550	583	533	535	535	535	535	
34	465	465	465	465	465	465	465	465	465	475	520	505	540	520	490	510	510 513	510 513	510 513	
35 36	483 503	483 503	483 503	483 503	483 503	483 503	483 503	483 503	483 503	478 498	508 501	511 508	525 508	503 505	501 511	513 515	515	515	515	
3 0 37	485	485	485	485	485	485	485	485	485	478	465	495	535	483	493	493	493	493	493	
38	471	471	471	471	471	471	471	471	471	463	455	468	488	465	483	475	475	475	475	
39	467	467	467	467	467 434	467 434	467 434	467 434	467 434	457 424	454 421	551 559	449 411	457 434	477 454	474 454	474 454	474 454	474 454	
40	434	434	434	434					4.34	424										
MILITARY	r RMOO	10217			131	454	101					002								
MILITARY J75-P-17		10217	v	-P-17		454	HUS	н нои	SE			ED U			15 M	AR 19	90 Si	ngle	-	e Data
J75-P-17 90 % RPM	ieng	RUNUP	V J75	-P-17 90.0	0 % R	:PM	HUS	н нои 630.0	SE O LBS	1 M	EASUR	ED U	.s.a.	F.	15 M	AR 19 50 FT	90 Si 59	ngle F 70	PCT	e Data 29.92 IN HG
J75-P-17 90 % RPM BAND	1 ENG 0	RUNUP 10	V J75	-P-17 90.0 30	0 % R	:PM 50	HUS	н нои	SE						15 M	AR 19	90 Si	ngle	-	
J75-P-17 90 % RPM	ieng	RUNUP	V J75	-P-17 90.0	0 % R	:PM	HUS 4 60	н нои 630.0 70	SE 0 LBS 80	1 M 90	EASUR 100	ED U	.s.A. 120	F. 130	15 M 2 140	AR 19 50 FT 150	90 Si 59 160	ngle F 70 170	PCT 180 0 0	
J75-P-17 90 % RPM BAND 10 11 12	1 ENG 0 0 0	RUNUP 10 0 0 0	V J75 20 0 0	90.0 90.0 30 0 0	0 % R 40 0 0	EPM 50 0 0	HUS 4 60 0 0	H HOU 630.0 70 0 0	SE 0 LBS 80 0 0	1 M 90 0 0	EASUR 100 0 0	ED U	120 0 0 0	F. 130 0 0	15 M 2 140 0 0	AR 19 50 FT 150 0 0	90 Si 59 160 0 0	ngle F 70 170 0 0	PCT 180 0 0	
J75-P-17 90 % RPM BAND 10 11 12 13	1 ENG 0 0 0 0	RUNUE 10 0 0 0 0	V J75 20 0 0 0	90.0 90.0 30 0 0 0	0 % R 40 0 0 0	2PM 50 0 0 0	HUS 4 60 0 0 0	H HOU 630.0 70 0 0 0	SE 0 LBS 80 0 0 0	1 M 90 0 0 0	EASUR 100 0 0 0	ED U 110 0 0 0 0	120 0 0 0	F. 130 0 0 0	15 M 2 140 0 0 0	AR 19 50 FT 150 0 0 0	90 Si 59 160 0 0	ngle F 70 170 0 0	PCT 180 0 0 0	
J75-P-17 90 % RPM BAND 10 11 12 13	1 ENG 0 0 0	RUNUP 10 0 0 0	V J75 20 0 0	90.0 90.0 30 0 0	0 % R 40 0 0	EPM 50 0 0	HUS 4 60 0 0	H HOU 630.0 70 0 0	SE 0 LBS 80 0 0	1 M 90 0 0	EASUR 100 0 0	ED U	120 0 0 0	F. 130 0 0	15 M 2 140 0 0	AR 19 50 FT 150 0 0	90 Si 59 160 0 0	ngle F 70 170 0 0	PCT 180 0 0	
J75-P-17 90 % RPM BAND 10 11 12 13	1 ENG 0 0 0 0 0	RUNUE 10 0 0 0 0	V J755, 20 0 0 0 0 0	90.0 30 0 0 0 0	0 % R 40 0 0 0	EPM 50 0 0 0 0 0 0 0 0	HUS 4 60 0 0 0 0	H HOU 630.0 70 0 0 0	SE 0 LBS 80 0 0 0 0	1 M 90 0 0 0 0 0 0	100 0 0 0 0 0 0	110 0 0 0 0 0	120 0 0 0 0 0	F. 130 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16	1 ENG 0 0 0 0 0 0 0 0	RUNUE 10 0 0 0 0 0 0 0	V J755 20 0 0 0 0 0 0 0	90.0 30 0 0 0 0 0 0	0 % R 40 0 0 0 0 0 0	EPM 50 0 0 0 0 0 0 0 0 635	HUS 4 60 0 0 0 0 0 0 0 635	H HOU 630.0 70 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 635	1 M 90 0 0 0 0 0 0	100 0 0 0 0 0 0 0	110 0 0 0 0 0 0 0	120 0 0 0 0 0 0 0	F. 130 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 715	AR 19 50 FT 150 0 0 0 0 0 0 727	90 Si 59 160 0 0 0 0 0 0	ngle F 70 170 0 0 0 0 0	PCT 180 0 0 0 0 0 0 0 727	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18	1 ENG 0 0 0 0 0 0 0 0 0 0 635 621	RUNUF 10 0 0 0 0 0 0 0 0 635 621	V J755 20 0 0 0 0 0 0 0 0 635 621	P-P-17 90.0 30 0 0 0 0 0 0 0 635 621	0 % R 40 0 0 0 0 0 0 0 635	PPM 50 0 0 0 0 0 0 0 0 0 635 621	HUS 4 60 0 0 0 0 0 0 635 621	H HOU 630.0 70 0 0 0 0 0 0 0 635 621	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 635 621	1 M 90 0 0 0 0 0 0 0 659 641	100 0 0 0 0 0 0 0 0 652 636	110 0 0 0 0 0 0 0 0 659 638	120 0 0 0 0 0 0 0 0 667 666	F. 130 0 0 0 0 0 0 0 685 646	15 M 2 140 0 0 0 0 0 0 0 715 626	AR 19 50 FT 150 0 0 0 0 727	90 Si 59 160 0 0 0 0 0 727 661	ngle F 70 170 0 0 0 0 0 0 727	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16	1 ENG 0 0 0 0 0 0 0 0 0 0 0 635 621	RUNUF 10 0 0 0 0 0 0 0 635 621 600	V J755 20 0 0 0 0 0 0 0 0 635 621	P-P-17 90.0 30 0 0 0 0 0 0 0 635 621	0 % R 40 0 0 0 0 0 0	50 0 0 0 0 0 0 0 0 635 621 600	HUS 4 60 0 0 0 0 0 0 0 635	H HOU 630.0 70 0 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 635	1 M 90 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 652 636	110 0 0 0 0 0 0 0	120 0 0 0 0 0 0 0 0 667 666 613	F. 130 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 715	AR 19 50 FT 150 0 0 0 0 0 0 727	90 Si 59 160 0 0 0 0 0 0	ngle F 70 170 0 0 0 0 0	PCT 180 0 0 0 0 0 0 0 727 661 585 565	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546	RUNUE 10 0 0 0 0 0 0 635 621 600 585 546	775 20 0 0 0 0 0 0 0 635 621 600 585 546	-P-17 90.0 30 0 0 0 0 0 0 0 635 621 600 585 546	0 % R 40 0 0 0 0 0 0 0 635 621 600 585 546	50 0 0 0 0 0 0 0 0 0 635 621 600 585 546	HUS 4 60 0 0 0 0 0 0 635 621 600 585 546	H HOU 630.0 70 0 0 0 0 0 0 635 621 600 585 546	SE 80 0 0 0 0 0 0 0 0 0 635 621 600 585 546	1 M 90 0 0 0 0 0 0 0 659 641 605 592 584	100 0 0 0 0 0 0 0 0 0 652 636 587 579 604	110 0 0 0 0 0 0 0 0 659 638 597 597 686	120 0 0 0 0 0 0 0 667 666 613 582 596	F. 130 0 0 0 0 0 685 646 603 582 576	15 M 2 140 0 0 0 0 0 0 715 626 587 562 578	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578	90 Si 59 160 0 0 0 0 727 661 585 565 578	ngle F 70 170 0 0 0 0 0 727 661 585 565 578	PCT 180 0 0 0 0 0 0 727 661 585 565 578	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22	1 ENG 0 0 0 0 0 0 0 0 635 621 600 585 546 501	RUNUF 10 0 0 0 0 0 0 635 621 600 585 546 501	7 J75 20 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501	0 % R 40 0 0 0 0 0 0 635 621 600 585 546 501	DPM 50 0 0 0 0 0 0 0 635 621 600 585 546 501	HUS 4 60 0 0 0 0 0 0 635 621 600 585 546 501	H HOU 630.0 70 0 0 0 0 0 0 635 621 600 585 546 501	SE 80 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501	1 M 90 0 0 0 0 0 0 0 659 641 605 592 584 521	100 0 0 0 0 0 0 0 0 652 636 587 579 604 508	110 0 0 0 0 0 0 0 0 659 638 597 597 686 598	120 0 0 0 0 0 0 0 0 667 666 613 582 596 528	F. 130 0 0 0 0 0 0 685 646 603 582 576 531	15 M 2 140 0 0 0 0 0 0 0 715 626 587 562 578 531	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578 518	90 Si 59 160 0 0 0 0 0 727 661 585 565 578 518	ngle F 70 170 0 0 0 0 0 727 661 585 565 578 518	PCT 180 0 0 0 0 0 0 727 661 585 565 578 518	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23	1 ENG 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468	RUNUF 10 0 0 0 0 0 0 635 621 600 585 546 501 468	7 J75 20 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468	0 % R 40 0 0 0 0 0 635 621 600 585 546 501 468	PM 50 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468	HUS 4 60 0 0 0 0 0 635 621 600 585 546 501 468	H HOU 630.0 70 0 0 0 0 0 635 621 600 585 546 501 468	SE 80 0 0 0 0 0 0 0 0 0 635 621 600 585 546	1 M 90 0 0 0 0 0 0 0 659 641 605 592 584	100 0 0 0 0 0 0 0 0 0 652 636 587 579 604	110 0 0 0 0 0 0 0 0 659 638 597 597 686	120 0 0 0 0 0 0 0 667 666 613 582 596	F. 130 0 0 0 0 0 685 646 603 582 576	15 M 2 140 0 0 0 0 0 0 715 626 587 562 578	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578	90 Si 59 160 0 0 0 0 727 661 585 565 578	ngle F 70 170 0 0 0 0 0 727 661 585 565 578	PCT 180 0 0 0 0 0 0 727 661 585 565 578	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RUNUF 10 0 0 0 0 0 0 635 621 600 585 546 501	7 J75 20 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501	0 % R 40 0 0 0 0 0 0 635 621 600 585 546 501	DPM 50 0 0 0 0 0 0 0 635 621 600 585 546 501	HUS 4 60 0 0 0 0 0 0 635 621 600 585 546 501	H HOU 630.0 70 0 0 0 0 0 0 635 621 600 585 546 501	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 M 90 0 0 0 0 0 0 0 659 641 605 592 584 521 493	100 0 0 0 0 0 0 0 0 652 636 587 579 604 508 483	ED U 110 0 0 0 0 0 0 659 638 597 686 598 523 591 572	120 0 0 0 0 0 0 0 667 666 613 582 596 528 528 529 502	F. 130 0 0 0 0 0 685 646 603 582 576 531 538 547 487	15 M 2 140 0 0 0 0 0 0 0 715 626 587 562 578 531 548 571 502	AR 19 50 FT 150 0 0 0 0 727 661 585 578 518 498 521 510	90 Si 59 160 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510	ngle F 70 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510	PCT 180 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407	RUNUE 10 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407	V J759 20 0 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407	P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407	0 % R 40 0 0 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407	50 0 0 0 0 0 0 0 635 621 600 585 546 484 484 447	HUS 4 60 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407	H HOU 630.0 0 0 0 0 0 0 635 621 600 585 546 484 447 407	SE 0 LBS 80 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407	1 M 90 0 0 0 0 0 0 0 659 641 605 592 493 504 474 427	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110 0 0 0 0 0 0 659 638 597 597 686 598 523 591 572	1.S.A. 120 0 0 0 0 0 0 667 666 613 582 596 528 528 529 502 492	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 437	15 M 2 140 0 0 0 0 0 0 0 0 715 626 587 5628 571 548 571 502 447	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578 518 498 521 510 464	90 Sii 59 160 0 0 0 0 0 0 0 727 661 585 578 498 521 510 464	ngle F 70 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464	PCT 180 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510 464	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399	RUNUF 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V J759 20 0 0 0 0 0 0 0 0 0 635 621 6000 585 546 448 447 407 399	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399	HUS 4 60 0 0 0 0 0 0 0 635 621 600 585 546 468 447 407 399	H HOU 630.0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399	SE 0 LBS 80 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 4447 407 399	1 M 90 0 0 0 0 0 0 0 659 641 605 592 584 493 504 474 427 419	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 110 0 0 0 0 0 659 638 597 686 597 686 523 591 572 500 429	1.S.A. 120 0 0 0 0 0 0 0 667 666 613 582 596 528 528 528 529 502 492 454	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 437 424	15 M 2 140 0 0 0 0 0 0 0 0 715 626 587 531 548 571 502 447 472	AR 19 50 FT 150 0 0 0 0 0 727 661 585 565 578 518 498 521 510 464 454	90 Si 59 160 0 0 0 0 0 727 661 585 565 578 498 521 510 464 454	ngle F 70 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464 454	PCT 180 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464 454	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403	RUNUF 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V J759 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403	0 % F 40 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 447 407 399 403	50 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 4447 407 399 403	HUS 4 60 0 0 0 0 0 0 0 635 621 600 585 546 501 468 4447 407 399 403	H HOU 630.0 0 0 0 0 0 0 635 621 6000 585 546 4447 407 399 403	SE 0 LBS 80 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 4447 407 399 403	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110 0 0 0 0 0 0 659 638 597 597 686 598 523 591 572	1.S.A. 120 0 0 0 0 0 0 667 666 613 582 596 528 528 529 502 492	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 437	15 M 2 140 0 0 0 0 0 0 0 0 715 626 587 5628 571 548 571 502 447	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578 518 498 521 510 464	90 Sii 59 160 0 0 0 0 0 0 0 727 661 585 578 498 521 510 464	ngle F 70 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464	PCT 180 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510 464	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399	RUNUF 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V J759 20 0 0 0 0 0 0 0 0 0 635 621 6000 585 546 448 447 407 399	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399	HUS 4 60 0 0 0 0 0 0 0 635 621 600 585 546 468 447 407 399	H HOU 630.0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399	SE 0 LBS 80 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 4447 407 399	1 M 90 0 0 0 0 0 0 0 659 641 605 592 584 493 504 474 427 419	100 0 0 0 0 0 0 0 0 652 636 587 579 604 483 494 470 442 416 396 389	110 0 0 0 0 0 0 659 638 597 597 686 598 523 591 572 429 420 426 399	1.S.A. 120 0 0 0 0 0 0 0 0 0 667 6613 582 596 528 508 529 502 492 492 493 493 401 396	F. 130 0 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 427 437 424 410 408 401	15 M 22 140 0 0 0 0 0 0 0 0 715 626 587 562 578 531 548 571 502 447 4453 484 431	AR 19 50 FT 150 0 0 0 0 0 727 661 585 578 518 498 521 510 464 454 443 428 446	90 Si 59 160 0 0 0 0 0 0 727 661 585 585 578 518 498 521 510 464 454 443 428 446	ngle F 70 170 0 0 0 0 0 727 661 585 578 518 498 521 510 464 454 443 428	PCT 180 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510 464 454 443 428	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398	RUNUF 10 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 403 403 403 403	V J759 20 0 0 0 0 0 0 0 0 0 0 635 621 468 484 447 7407 399 403 408 416 398	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398	0 % F 40 0 0 0 0 0 0 0 0 0 635 621 468 484 447 7 407 399 4038 416 398	PM 50 0 0 0 0 0 0 0 0 0 635 621 468 484 447 7407 399 403 408 416 398	HUS 4 60 0 0 0 0 0 0 635 621 468 484 447 407 399 403 408 416 398	H HOU 630.0 70 0 0 0 0 0 0 0 635 621 468 484 447 407 403 408 416 398	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0000 0000 0000 0000 6522 6366 587 579 604 4834 4944 4704424 4224 4224 4246 4386 4386 4386 4386 4386 4386 4386 43	110 0 0 0 0 0 0 659 638 597 597 686 598 523 591 572 500 429 420 426 399 376	1.S.A. 120 0 0 0 0 0 0 0 0 0 667 666 532 596 528 508 529 508 529 492 454 433 401 396 368	F. 130 0 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 424 410 408 401 386	15 M 2 140 0 0 0 0 0 0 0 0 715 626 587 562 578 531 548 571 472 447 472 443 484 431 418	AR 19 50 FT 150 0 0 0 0 0 727 661 585 578 518 498 521 510 464 443 424 443 428 446 426	90 Si 59 160 0 0 0 0 0 0 727 661 585 585 578 818 498 521 510 464 454 443 428 446 426	ngle F 70 170 0 0 0 0 0 0 727 661 585 578 518 498 521 510 464 454 4454 446 426	PCT 180 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510 444 443 428 446 426	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398 389	RUNUF 10 0 0 0 0 0 0 635 621 600 585 555 546 501 468 484 447 407 399 403 403 403 403 838 838	V J759 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398 389	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 4 60 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398 389	H HOU 630.0 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 635 621 600 585 546 4447 4477 499 403 448 416 398 389	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110 0 0 0 0 0 0 0 659 638 597 686 598 523 591 572 500 429 420 426 399 376 373	1.20 0 0 0 0 0 0 0 0 0 667 666 613 582 596 528 508 529 502 492 453 434 431 431 431 431 431 431 431 431 43	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 427 427 4210 408 401 386 396	15 M 2 140 0 0 0 0 0 0 0 0 715 626 578 531 548 571 502 447 472 453 484 431 418 429	AR 19 50 FT 150 0 0 0 0 0 727 661 585 565 578 518 498 521 510 464 454 443 428 446 426 406	90 Si 59 160 0 0 0 0 0 0 727 661 585 578 518 498 521 510 464 454 454 454 454 446 426 406	ngle F 70 170 0 0 0 0 0 0 727 661 585 5585 518 498 521 510 464 443 446 426 406	PCT 180 0 0 0 0 0 0 0 727 661 585 5578 518 498 521 510 464 454 443 4446 426 406	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398	RUNUF 10 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 403 403 403 403	V J759 20 0 0 0 0 0 0 0 0 0 0 635 621 468 484 447 7407 399 403 408 416 398	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398	0 % F 40 0 0 0 0 0 0 0 0 0 635 621 468 484 447 7 407 399 4038 416 398	PM 50 0 0 0 0 0 0 0 0 0 635 621 468 484 447 7407 399 403 408 416 398	HUS 4 60 0 0 0 0 0 0 635 621 468 484 447 407 399 403 408 416 398	H HOU 630.0 70 0 0 0 0 0 0 0 635 621 468 484 447 407 403 408 416 398	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0000 0000 0000 0000 6522 6366 587 579 604 4834 4944 4704424 4224 4224 4246 4386 4386 4386 4386 4386 4386 4386 43	110 0 0 0 0 0 0 0 659 638 597 686 598 592 591 572 500 429 420 426 426 399 376 373 480	1.S.A. 120 0 0 0 0 0 0 0 0 0 667 666 532 596 528 508 529 508 529 492 454 433 401 396 368	F. 130 0 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 424 410 408 401 386	15 M 2 140 0 0 0 0 0 0 0 0 715 626 587 562 578 531 548 571 472 447 4453 484 431 418	AR 19 50 FT 150 0 0 0 0 0 727 661 585 578 518 498 521 510 464 443 424 443 428 446 426	90 Si 59 160 0 0 0 0 0 0 727 661 585 585 578 818 498 521 510 464 454 443 428 446 426	ngle F 70 170 0 0 0 0 0 0 727 661 585 5585 518 498 521 510 464 443 446 426 406	PCT 180 0 0 0 0 0 0 727 661 585 565 578 518 498 521 510 444 443 428 446 426	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RUNUF 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V J759 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 407 399 403 408 416 398 389 430	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 4 60 0 0 0 0 0 0 635 621 600 558 5546 501 468 484 447 407 399 403 408 408 416 398 389 430	H HOU 630.0 0 0 0 0 0 0 635 546 1 468 484 447 407 399 403 408 389 430 380 403	SE 0 LBS 80 0 0 0 0 0 0 0 0 635 621 600 5846 501 468 447 407 399 403 408 416 398 389 430 380 403	90 0 0 0 0 0 0 659 641 605 592 473 427 419 408 408 381 3366 407 350 345	EASUR 1000 0 0 0 0 0 0 652 636 587 579 6508 483 494 470 442 416 396 389 364 343 343 347 321	ED U 110 0 0 0 0 0 0 659 638 597 597 597 597 597 599 420 429 420 426 399 373 480 360 345	120 0 0 0 0 0 0 0 0 667 666 613 582 598 528 529 502 492 454 433 401 396 368 368 368 368 368 368 368 355 355 355 355 355 355 355 355 355 35	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 424 410 408 401 386 396 410 357 361	15 M 2 2 140 0 0 0 0 0 0 0 0 715 626 587 531 548 571 502 447 4453 484 431 418 429 415 375 378	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578 518 498 521 510 464 443 428 446 443 428 446 406 403 365 378	90 Si 59 160 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464 443 428 446 426 403 365 378	ngle F 70 0 0 0 0 0 0 0 727 661 585 578 498 521 510 464 443 428 446 426 403 365 378	PCT 180 0 0 0 0 0 0 727 661 585 565 578 521 510 464 443 428 446 428 446 406 403 365 378	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	1 ENG 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 447 407 399 403 408 416 398 389 430 380 403 455	RUNUF 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V J759 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 447 407 399 403 408 416 398 430 389 430 403 455	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399 403 408 416 398 430 380 430 435	HUS 4 60 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399 403 408 416 398 430 380 403 455	H HOU 630.0 0 0 0 0 0 0 635 621 600 585 546 4447 407 399 403 408 416 398 430 380 403 455	SE 0 LBS 80 0 0 0 0 0 0 0 635 621 600 585 546 501 468 447 407 399 403 408 6398 389 430 380 403 455	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 652 636 587 579 604 470 442 422 416 396 389 364 343 343 347 321 343	ED U 110 0 0 0 0 0 0 659 638 597 686 598 591 572 500 429 420 426 399 376 373 376 373 360 345 363	120 0 0 0 0 0 0 0 0 667 666 613 582 596 528 529 502 454 433 401 396 368 368 417 355 351 415	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 437 424 410 408 401 386 410 386 410 357 361 368	15 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578 518 498 521 510 464 443 428 446 406 403 365 378 378	90 Si 59 160 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464 443 428 446 424 406 403 365 378 378	ngle F 70 0 0 0 0 0 0 0 727 661 585 578 498 521 510 464 443 446 426 406 378 378	PCT 180 0 0 0 0 0 0 727 661 585 578 518 521 510 464 454 443 428 446 426 406 365 378 378	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	1 ENG 0 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 447 407 399 403 408 416 398 389 430 380 403 455 398	RUNUF 10 0 0 0 0 0 0 0 0 635 621 600 585 546 501 468 447 407 399 403 408 416 398 430 403 455 398	V J759 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 484 447 399 403 408 416 398 389 430 380 455 398	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 4 60 0 0 0 0 0 0 635 621 600 585 546 501 407 399 403 408 416 398 430 430 455 398	H HOU 630.0 0 0 0 0 0 0 0 635 660 585 546 501 468 484 447 407 407 403 408 416 398 430 403 455 398	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1000 0000 0000 0000 0000 6522 6366 5587 5799 604422 416396 389364 43433343 43433343	110 0 0 0 0 0 0 659 638 597 597 597 686 598 523 591 572 504 429 420 426 399 376 373 480 363 363 363 363 363 363	120 0 0 0 0 0 0 0 0 667 666 613 582 596 528 529 502 492 454 433 401 396 368 383 417 355 351 415 371	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 487 424 410 408 401 386 396 410 357 361 368 355	15 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 727 661 585 578 518 498 521 510 464 453 428 446 426 406 3365 378 378 361	90 Si 59 160 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464 443 428 446 426 406 403 365 378 361	ngle F 70 0 0 0 0 0 0 727 661 585 565 578 498 498 494 424 443 428 446 426 406 403 365 378 378 361	PCT 180 0 0 0 0 0 0 727 661 585 578 518 498 498 444 424 445 446 426 406 403 365 378 378 361	
J75-P-17 90 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	1 ENG 0 0 0 0 0 0 0 0 0 0 0 635 621 600 585 546 447 407 399 403 408 416 398 389 430 380 403 455	RUNUF 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	V J759 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-P-17 90.0 30 0 0 0 0 0 0 635 621 600 585 546 501 468 447 407 399 403 408 416 398 430 389 430 403 455	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399 403 408 416 398 430 380 430 435	HUS 4 60 0 0 0 0 0 0 0 635 621 600 585 546 484 447 407 399 403 408 416 398 430 380 403 455	H HOU 630.0 0 0 0 0 0 0 635 621 600 585 546 4447 407 399 403 408 416 398 430 380 403 455	SE 0 LBS 80 0 0 0 0 0 0 0 635 621 600 585 546 501 468 447 407 399 403 408 6398 389 430 380 403 455	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 652 636 557 604 508 483 494 470 442 422 416 3396 3396 343 343 347 3211 315	ED U 110 0 0 0 0 0 0 659 638 597 686 598 591 572 500 429 420 426 399 376 373 376 373 360 345 363	120 0 0 0 0 0 0 0 0 667 666 613 582 596 528 529 502 454 433 401 396 368 368 417 355 351 415	F. 130 0 0 0 0 0 0 685 646 603 582 576 531 538 547 437 424 410 408 401 386 410 386 410 357 361 368	15 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 727 661 585 565 578 518 498 521 510 464 443 428 446 406 403 365 378 378	90 Si 59 160 0 0 0 0 0 0 727 661 585 565 578 498 521 510 464 443 428 446 424 406 403 365 378 378	ngle F 70 170 0 0 0 0 0 0 0 727 661 585 555 578 518 498 521 510 464 443 428 446 426 406 403 365 378 361 348	PCT 180 0 0 0 0 0 0 727 661 585 578 518 521 510 464 454 443 428 446 426 406 365 378 378	

MILITAR J75-P-1		010303		5-P-19	,		7.17.70	W. 1101	700					_				• •		
MAX PWR			U /:	103.0		RPM		SH HOU 1753.0	ose O LBS		ŒASUF	CED (J.S.A.	.F.		MAR 15 250 F.		_	_	ne Data 29.92 IN HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
10 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	ō	ō	ō	o	o	ō	ő	ő	ō	o	ő	0	o	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14 15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	ō	0	ő	ō	ō	ō	o	0	Ö	0	0	0	0	0	0	0	0	0	0	
17	836	832	874	859	896	922	908	926	921	913	938							1066		
18 19	839 777	831 769	831 781	856 801	833 764	891 781	867 773	900 823	903 853	907 871	895 905	930 927	955 935	1000 923	987 885	1010 917	1035 950	1043 965	1035 940	
20	795	745	750	738	745	755	744	764	801	856	846	861	874	896	861	848	851	866	828	
21	751	714	724	724	714	714	698	704	741	782	791	811	798	814	801	794	806	804	766	
22 23	707 660	657 655	685 660	685 670	662 645	662 638	668 645	681 657	696 662	728	758	756	764	788	768	736	761	761	736	
24	719	701	691	696	673	659	668	670	678	694 699	729 720	767 758	735 773	759 763	735 760	719 743	729 756	737 760	727 750	
25	740	670	690	684	670	654	641	659	663	686	686	721	749	763	719	739	736	759	756	
26	770	694	702	697	700	690	650	670	644	666	670	687	730	700	687	712	710	734	720	
27 28	809 735	759 712	762 717	766 717	746 722	764 725	691 661	721 688	675 671	674 671	668 668	693 688	728 716	681 674	688 686	705 698	705 698	718 706	698 681	
29	695	655	665	667	669	675	660	640	653	665	665	680	705	660	680	690	687	693	660	
30	701	677	664	667	671	661	631	634	639	649	647	667	681	649	671	679	687	687	647	
31 32	712 721	684 696	666 676	672 674	666 671	654 648	642 640	634 618	626 623	625 618	619 603	659 643	669 658	652 656	679 683	696 663	709 646	682 656	642 616	
33	645	645	625	625	610	590	579	569	586	587	586	621	639	641	639	606	606	616	583	
34	547	542	547	572	565	535	520	518	555	559	568	602	630	585	588	570	578	580	552	
35 36	496 499	496 496	494 479	506 491	506 486	506 483	515 516	515 522	549 544	553 550	559 564	599 594	599 576	565 574	572 576	572 572	567 574	585 576	552 564	
37	530	520	492	504	494	480	493	493	528	536	538	563	551	551	548	545	543	558	535	
38	528	513	481	493	483	471	492	482	514	527	524	537	537	542	537	534	530	542	524	
39 40	522 499	507 482	472 462	480 472	477	487	491 479	484 479	508 489	528 497	531 519	536 525	538 529	586 537	536 519	536 525	531 517	541 525	526 525	
MILITARY	Y RMOO			4/2	465	455	4/3	4/3	405	4 ,	319	323	329	3 3,	219	525	517	525	323	
J75-P-19			V J75	-P-19			HUS	н нои	SE		EASUR				15 M	IAR 19	90 Si	ngle	Engin	e Data
		10304	V J75	-P-19 103.0	0 % R	PM	HUS	н нои 550.0	SE 0 LBS	1 M	EASUR	ED U	.s.a.	F.	15 M	AR 19	90 Si ' 59	ngle F 70	Engin PCT	e Data 29.92 IN HG
J75-P-19 MIL PWR	€		V J75	-P-19			HUS	н нои	SE						15 M	IAR 19	90 Si	ngle	Engin	
J75-P-19 MIL PWR BAND 10 11	0 0 0	10304 10 0 0	V J75 20 0 0	-P-19 103.0 30 0	0 % R 40 0	PM 50 0	HUS 14 60 0	H HOU 550.0 70 0	SE 0 LBS 80 0	1 M 90 0	EASUR 100 0 0	ED U 110 0 0	120 0 0	F. 130 0 0	15 M 2 140 0 0	AR 19 50 F1 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0	
J75-P-19 MIL PWR BAND 10	9 0 0	10304 10 0	V J75 20 0	-P-19 103.0 30 0	0 % R 40 0	¹₽M 50 0	HUS 14 60 0	н нои 550.0 70 0	SE 0 LBS 80 0	1 M 90 0 0	EASUR 100 0 0	ED U 110 0 0 0	120 0 0 0	F. 130 0 0	15 M 2 140 0 0	IAR 19 250 F1 150 0 0	90 Si 59 160 0 0	ngle F 70 170 0 0	Engin PCT 180 0 0	
J75-P-19 MIL PWR BAND 10 11 12	0 0 0	10304 10 0 0 0	V J75 20 0 0	-P-19 103.0 30 0 0	0 % R 40 0 0	1PM 50 0 0	HUS 14 60 0 0	H HOU 550.0 70 0 0	SE 0 LBS 80 0 0	1 M 90 0	EASUR 100 0 0	ED U 110 0 0	120 0 0	F. 130 0 0	15 M 2 140 0 0	AR 19 50 F1 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0	
J75-P-19 MIL PWR BAND 10 11 12 13 14	0 0 0 0 0 0 0 0	10304 10 0 0 0 0	V J75 20 0 0 0 0 0	-P-19 103.0 30 0 0 0	0 % R 40 0 0 0 0	EPM 50 0 0 0 0 0 0 0 0 0 0	HUS 14 60 0 0 0 0	H HOU 550.0 70 0 0 0 0	SE 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 M 90 0 0 0 0 0	100 0 0 0 0 0	110 0 0 0 0 0	120 0 0 0 0 0	130 0 0 0 0	15 M 2 140 0 0 0 0 0	IAR 19 250 FI 150 0 0 0 0	90 Si 59 160 0 0 0	ngle F 70 170 0 0 0 0	Engin PCT 180 0 0 0 0	
J75-P-19 MIL PWR BAND 10 11 12 13	0 0 0 0 0 0	10304 10 0 0 0 0	V J75 20 0 0 0 0 0	-P-19 103.0 0 0 0 0 0 0 0 0	0 % R 40 0 0 0 0	EM 50 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 14 60 0 0 0 0 0	H HOU 550.0 70 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 0 0	1 M 90 0 0 0 0 0 0	100 0 0 0 0 0 0	ED U	120 0 0 0 0 0	130 0 0 0 0 0	15 M 2 140 0 0 0 0 0	IAR 19 50 FI 150 0 0 0 0 0	990 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0 0	Engin 180 0 0 0 0 0	
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J75-P-19 MIL PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	0 0 0 0 0 0 0 0 776 723 699 712 691 657 592 666 734 782 809 755 664 675 664 672 666 598 517	10304 10 0 0 0 0 0 0 0 0 746 701 659 665 665 717 782 735 657 654 666 665 512 476 461	V J75 20 0 0 0 0 0 789 719 669 670 659 607 578 656 680 710 764 717 642 631 636 638 578 512 472 451	-P-19 103.0 30 0 0 0 0 0 766 731 677 688 657 637 638 656 672 717 759 712 659 641 642 636 580 525 489 469	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	FM 50 0 0 0 0 0 0 812 733 677 668 631 609 602 672 774 752 669 637 622 618 550 495 476 451	HUS 14 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	H HOU 70 0 0 0 0 0 0 0 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 832 783 741 698 649 582 669 586 159 584 92 549 548 669 588 615 948 669 588 615 948 669 588 615 948 669 588 615 948 669 588 615 948 669 588 615 948 669 588 615 948 669 588 615 948 648 648 648 648 648 648 648 648 648 6	90 0 0 0 0 0 0 0 0 0 794 775 761 731 694 589 595 645 626 604 575 563 556 556 516 497 500 495	EASUR 100 0 0 0 0 0 786 805 753 751 718 626 599 572 628 598 590 571 556 551 510 495 502	ED U 110 0 0 0 0 0 0 796 823 750 748 716 686 645 648 621 594 608 601 597 581 576 576 588 561 542 539 534	1.S.A. 120 0 0 0 0 0 0 0 844 837 795 756 714 697 688 646 610 625 616 610 607 596 590 591 578 539 524	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PAR 199 F150 F1 150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	90 Si59 160 0 0 0 0 0 0 0 931 895 790 736 664 664 664 663 663 607 628 613 607 628 613 550 550 550 550 550 550 550 550 550 55	ngle F 70 170 0 0 0 0 0 0 968 917 843 766 701 677 703 706 684 685 661 647 639 626 593 569 550 545	Engin PCT 180 0 0 0 0 0 0 958 903 813 756 704 731 732 758 773 752 721 791 703 709 706 718 659 690 647 652	
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J75-P-19 MIL PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	0 0 0 0 0 0 0 0 776 723 699 712 691 657 592 666 734 782 809 755 675 664 672 665 598 517 496 461 474	10304 10 0 0 0 0 0 0 0 746 701 659 615 585 669 617 782 735 654 717 782 735 654 666 666 665 665 476 461 482	V J75 20 0 0 0 0 0 789 719 669 670 659 677 578 680 710 764 717 642 631 636 638 578 512 4451 462	-P-19 103.0 30 0 0 0 0 0 766 731 677 688 657 637 608 656 672 717 759 712 659 641 642 636 580 525 489 469 507	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	FM 50 0 0 0 0 0 0 0 812 733 677 668 631 609 602 672 774 752 669 637 622 618 550 476 451 444	HUS 14 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	H HOU 70 0 0 0 0 0 0 0 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 832 783 741 698 615 962 684 9 588 581 2 2 594 486 482	90 0 0 0 0 0 0 0 0 0 794 775 761 731 694 634 589 595 645 626 604 575 563 5566 516 497 500 495 497	EASUR 100 0 0 0 0 0 0 786 805 753 751 718 661 662 6599 572 628 598 590 571 556 521 510 495 502 603	ED U 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.S.A. 120 0 0 0 0 0 0 0 844 837 795 756 714 701 688 646 610 625 616 610 607 596 591 578 539 524 505	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PAR 199 F150 F1 150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	90 Si 59 160 0 0 0 0 0 0 931 895 790 736 664 664 664 664 663 668 676 654 664 654 654 653 533 533 5318 522 531	ngle F 70 170 0 0 0 0 0 968 917 843 766 701 677 703 706 684 685 661 647 639 626 593 569 550 545 544 533	Engin PCT 180 0 0 0 0 0 958 903 813 756 704 731 732 758 773 752 721 791 703 709 706 718 659 647 652 653	

MILITARY		010317		-P-19			HUS	H HOU	SE	1 M	EASUR	ED U	ı.s.a.	F.	15 M	IAR 19	90 Si	inale	Engir	ne Data	L
90 % RPN		RUNUE			0 % F	NEDM		446.0								50 F1		F 70			IN HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180		
10 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
17	654	604	659	634	649	692	664	676	664	683	678	686	706	736	721	736	781	756	791		
18	636	593	609	611	623	616	616	636	631	651	660	680	705	690	653	690	710	720	727		
19	614	609 592	601 582	587 572	599 592	587 572	611 608	597 585	627 585	633 615	630 621	630 624	650 628	657 628	610 606	630 594	653 591	653 606	650 594		
20 21	625 604	587	559	561	567	554	557	551	534	582	591	596	596	598	564	558	594	561	558		
22	572	545	529	517	525	507	507	499	489	532	544	551	564	584	538	521	541	536	518		
23	518	495	502	498	485	505	482	468	452	482	512	525	537	572	542	487	519	532	519		
24 25	549 540	543 520	543 527	523 517	503 484	491 490	511 460	486 460	469 464	497 513	523 493	540 531	530 503	550 536	526 486	518 519	520 509	526 539	570 559		
26	527	494	487	472	444	464	437	432	442	488	460	472	470	507	447	487	462	510	537		
27	549	504	504	502	482	482	474	476	456 .	466	445	465	465	483	438	481	463	518	533		
28	522	485	475	472	475	477	462	452	447	461	446	468	461	468	438	474	454 445	511 487	526 503		
29 30	479 501	452 449	437 427	442 434	429 424	447 437	445 421	429 419	422 401	449 415	437 411	465 439	453 434	455 439	423 417	450 441	439	467	479		
31	522	469	439	439	442	444	429	432	406	407	404	429	419	429	419	449	434	449	454		
32	554	491	476	476	484	474	454	424	426	419	400	420	420	436	426	418	403	436	438		
33 34	570 505	588 499	545 477	572 497	590 517	545 475	508 435	488 419	478 412	452 431	431 410	441 420	429 420	436 402	403 365	419 392	409 385	449 428	436 408		
35	394	364	364	364	366	369	356	364	392	395	379	392	387	402	369	397	392	437	417		
36	491	411	403	406	389	371	379	416	451	412	389	396	382	402	366	394	384	446	409		
37	474	427	404	414	414	380	392	404	452	419	383	391	385	431	365	388	381	415	398		
38 39	481 462	468 447	433 417	431 420	421 430	408 392	418 412	393 397	451 427	415 402	367 388	370 374	370 364	400 378	344 338	367 361	362 348	380 368	380 371		
40	439	419	405	392			387	387	402	423	459	392	352	357	362	397	342	342	347		
			403	332	479	385	30/	307	402	423	433	392	352	337	202	30,	J-12	342	517		
MILITARY	RM00		V			303														- Data	
J79-GE-1	RM00		V J79	-GE-1	5		HUS	н нои	SE		EASUR	ED U	.s.a.	F.	15 M	AR 19	90 Si	ngle	Engin	e Data 29.92	
	RM00		V J79		5		HUS		SE		EASUR	ED U		F.	15 M		90 Si		Engin	e Data 29.92	
J79-GE-1 MIL PWR BAND 10	7 RM00 .5 0	10404 10 0	V J79 20 0	-GE-19 100.00 30 0	5 0 % R 40 0	.PM 50 0	HUS 9 60 0	H HOUS 720.0 70 0	SE O LABS 80 0	1 M 90 0	EASUR 8 100 0	ED U 349.0 110 0	.S.A. 0 LBS 120 0	F. /HR 130 0	15 M 2 140 0	AR 19 50 FT 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0		
J79-GE-1 MIL PWR BAND 10 11	7 RM00 5 0 0	10404 10 0 0	V J79 20 0 0	-GE-19 100.00 30 0	5 0 % R 40 0	PM 50 0 0	HUS 9 60 0	H HOU: 720.0 70 0	SE 0 LBS 80 0	1 M 90 0	EASUR 8 100 0 0	ED U 349.0 110 0	.s.A. 0 LBS 120	F. /HR 130	15 M 2 140	AR 19 50 FT 150	90 Si 59 160	ngle F 70 170	Engin PCT 180		
J79-GE-1 MIL PWR BAND 10	7 RM00 .5 0	10404 10 0	V J79 20 0	-GE-19 100.00 30 0	5 0 % R 40 0	.PM 50 0	HUS 9 60 0	H HOUS 720.0 70 0	SE O LABS 80 0	1 M 90 0	EASUR 8 100 0	ED U 349.0 110 0	.S.A. 0 LBS 120 0	F. /HR 130 0 0	15 M 2 140 0	AR 19 50 FT 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0 0		
J79-GE-1 MIL PWR BAND 10 11 12 13	0 0 0 0 0	10 0 0 0 0 0	V J79 20 0 0 0 0	-GE-19 100.00 30 0 0 0 0	5 0 % R 40 0 0 0	PM 50 0 0 0 0 0	HUS 9 60 0 0 0	H HOUS 720.00 70 0 0 0 0	SE 0 LBS 80 0 0 0 0	1 M 90 0 0 0 0	EASUR 8 100 0 0 0	ED U 349.0 110 0 0 0	.S.A. 0 LBS 120 0 0 0	F. /HR 130 0 0 0	15 M 2 140 0 0 0	AR 19 50 FT 150 0 0 0	90 Si 59 160 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0		
J79-GE-1 MIL PWR BAND 10 11 12 13 14	7 RM00	10404 10 0 0 0 0	V J79 20 0 0 0 0 0 0	-GE-1: 100.00 30 0 0 0 0	5 0 % R 40 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0	HUS 9 60 0 0 0 0	H HOU: 720.00 70 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 0	1 M 90 0 0 0 0 0	EASUR 8 100 0 0 0 0	ED U 349.0 110 0 0 0 0	.S.A. 0 IBS 120 0 0 0 0	F. /HR 130 0 0 0 0	15 M 2 140 0 0 0 0	AR 19 50 FT 150 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	Engin PCT 180 0 0 0 0 0		
J79-GE-1 MIL PWR BAND 10 11 12 13	0 0 0 0 0	10 0 0 0 0 0	V J79 20 0 0 0 0	-GE-19 100.00 30 0 0 0 0	5 0 % R 40 0 0 0	PM 50 0 0 0 0 0	HUS 9 60 0 0 0	H HOUS 720.00 70 0 0 0 0	SE 0 LBS 80 0 0 0 0	1 M 90 0 0 0 0	EASUR 8 100 0 0 0	ED U 349.0 110 0 0 0	.S.A. 0 LBS 120 0 0 0	F. /HR 130 0 0 0	15 M 2 140 0 0 0	AR 19 50 FT 150 0 0 0	90 Si 59 160 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0		
J79-GE-1 MIL PWR BAND 10 11 12 13 14 15 16 17 18	0 0 0 0 0 0 0 0 0 0 0 636 588	10404 10 0 0 0 0 0 0 0 0 592 572	V J79 20 0 0 0 0 0 0 622 570	-GE-1: 100.00 30 0 0 0 0 0 0 0 0 611 582	5 R 40 0 0 0 0 0 0 0 646 578	PM 50 0 0 0 0 0 0 0 0 649 596	HUS 9 60 0 0 0 0 0 0 0	H HOU 720.00 70 0 0 0 0 0 0 0 0	SE 80 0 0 0 0 0 0 0 0 0 0 679 621	1 M 90 0 0 0 0 0 722 692	EASUR 8 100 0 0 0 0 0 0 0 731 740	ED U 349.0 110 0 0 0 0 0 0 738 750	.S.A. 0 LBS 120 0 0 0 0 0 0 771 763	F. /HR 130 0 0 0 0 0 0 0 796 753	15 M 2 140 0 0 0 0 0 0 0 0 0 820 774	AR 19 50 FT 150 0 0 0 0 0 0 844 795	90 Si 59 160 0 0 0 0 0 0 844 795	ngle F 70 170 0 0 0 0 0 0 844 795	Engin PCT 180 0 0 0 0 0 0 0 0 844 795		
J79-GE-1 MIL PWR BAND 10 11 12 13 14 15 16 17 18 19	7 RM00 5 0 0 0 0 0 0 0 636 588 585	10404 10 0 0 0 0 0 0 0 592 572 565	V J79 20 0 0 0 0 0 0 622 570 540	-GE-1: 100.00 30 0 0 0 0 0 0 0 611 582 553	5 R 40 0 0 0 0 0 0 0 0 646 578 562	PM 50 0 0 0 0 0 0 0 649 596 560	HUS 9 60 0 0 0 0 0 0 0 644 578 553	H HOU: 720.0 70 0 0 0 0 0 0 0 682 626 580	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 679 621 605	1 M 90 0 0 0 0 0 0 722 692 687	EASUR 8 100 0 0 0 0 0 0 731 740	ED U 349.0 110 0 0 0 0 0 0 738 750 684	.S.A. 0 LBS 120 0 0 0 0 0 0 771 763 721	F. /HR 130 0 0 0 0 796 753	15 M 2 140 0 0 0 0 0 0 0 0 0 820 774 721	AR 19 50 FT 150 0 0 0 0 0 0 844 795 721	90 Si 59 160 0 0 0 0 0 0 844 795 721	ngle F 70 0 0 0 0 0 0 0 844 795	Engin PCT 180 0 0 0 0 0 0 0 844 795		
J79-GE-1 MIL PWR BAND 10 11 12 13 14 15 16 17 18 19 20	7 RMO0 5 0 0 0 0 0 0 0 636 588 585 610	10404 10 0 0 0 0 0 0 0 0 592 572	V J79 20 0 0 0 0 0 0 622 570	-GE-1: 100.00 30 0 0 0 0 0 0 0 0 611 582	5 R 40 0 0 0 0 0 0 0 646 578	PM 50 0 0 0 0 0 0 0 0 649 596	HUS 9 60 0 0 0 0 0 0 0	H HOU 720.00 70 0 0 0 0 0 0 0 0	SE 80 0 0 0 0 0 0 0 0 0 0 679 621	1 M 90 0 0 0 0 0 722 692	EASUR 8 100 0 0 0 0 0 0 0 731 740	ED U 349.0 110 0 0 0 0 0 0 738 750	.S.A. 0 LBS 120 0 0 0 0 0 0 771 763	F. /HR 130 0 0 0 0 0 0 0 796 753	15 M 2 140 0 0 0 0 0 0 0 0 0 820 774	AR 19 50 FT 150 0 0 0 0 0 0 844 795 721	90 Si 59 160 0 0 0 0 0 0 844 795	ngle F 70 170 0 0 0 0 0 0 844 795	Engin PCT 180 0 0 0 0 0 0 0 0 844 795		
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17 537 521 512 531 538 565 558 597 658 627 607 599 605 648 665 681 681	681 681	
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19 560 538 511 533 519 548 525 533 594 597 606 606 638 584 603 621 621	621 621	
	628 628	
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25 598 543 555 583 531 578 485 501 530 512 512 512 544 557 572 587 587	587 587	
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31 376 365 368 473 386 477 382 493 425 397 361 376 425 430 448 465 465	465 465	
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MILITARY		10504		30-P-1	.00		HUS	H HOU	SE	1 N	EASUF	EED U	.s.a.	F.	15 M	AR 19	90 Si	ngle	Engin	e Data
MIL PWR					00 % F											50 FI		F 70		29.92 IN HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11 12	0	0	0	0	0	0	0	0	0	0	0	Ö	0	Ö	Ö	Ö	Ö	Ö	0	
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14	ō	ō	ō	Ō	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	763	763	763	763	763	763	763	763	763	763	772	759	792	802	835	882	882	882	882	
18	744	744	744	744	744	744	744	744	744	744	776	771	774	752	774	804	804	804 759	804 759	
19 20	720 700	720 700	720 700	720 700	720 700	720 700	720 700	720 700	720 700	720 700	751 734	732 710	743 739	743 759	748 749	759 772	759 772	772	772	
20	675	675	675	675	675	675	675	675	675	675	707	686	699	712	739	742	742	742	742	
22	622	622	622	622	622	622	622	622	622	622	645	651	679	672	705	687	687	687	687	
23	575	575	575	575	575	575	575	575	575	575	591	607	648	668	700	650	650	650	650	
24	574	574	574	574	574	574	574	574	574	574	597	622	691	717	744	699	699	699	699	
25	566	566	566	566	566	566	566	566	566	566	587	585	640	682	680	656	656	656	656	
26	568	568	568	568	568	568	568	568	568	568	568	546	586	610	591	641	641	641	641 649	
27	577	577	577	577	577 579	577 579	577 579	577 579	577 579	577 579	573 567	557 561	594 586	604 590	602 608	649 650	649 650	649 650	650	
28 29	579 571	579 571	579 571	579 571	579	571	571	571	571	571	557	560	574	576	616	628	628	628	628	
30	527	527	527	527	527	527	527	527	527	527	525	536	547	561	599	619	619	619	619	
31	505	505	505	505	505	505	505	505	505	505	497	520	538	559	591	624	624	624	624	
32	493	493	493	493	493	493	493	493	493	493	489	501	531	561	593	593	593	593	593	
33	471	471	471	471	471	471	471	471	471	471	461	483	511	542	554	542	542	542	542	
34	445	445	445	445	445	445	445	445	445	445	448	462	502	494	502	522	522	522	522 516	
35	457	457	457	457 489	457 489	457 489	457 489	457 489	457 489	457 489	449 451	466 462	481 470	483 475	503 502	516 512	516 512	516 512	512	
36 37	489 474	489 474	489 474	489	474	474	474	474	474	474	457	459	474	474	501	509	509	509	509	
38	460	460	460	460	460	460	460	460	460	460	439	446	456	466	488	498	498	498	498	
39	451	451	451	451	451	451	451	451	451	451	429	440	448	452	479	493	493	493	493	
40	412	412	412	412	412	412	412	412	412	412	399	403	413	411	439	459	459	459	459	
MILITARY		10518												_	N	 10	00 04		The series	o Data
TF30-P-1	L00		TF3	0-P-1		e TONAT	HUS	H HOU	SE	1 M	EASUR	ED U	.s.a.	F.				_	_	e Data 29.92 TN HG
TF30-P-1 85 % RPM	LOO 1 EING	RUNUP	TF3	85.0	10 % R										2	AR 19 50 FT 150		_	Engin PCT 180	e Data 29.92 IN HG
TF30-P-1 85 % RPM BAND	L00		TF3			1PM 50 0	HUS 60 0	н нои 70 0	SE 80 0	1 M 90 0	EASUR 100 0	ED U 110 0	.s.A. 120 0	F. 130 0		50 FT	59	F 70	PCT	
TF30-P-1 85 % RPM	LOO 1 EING 0	RUNUP 10	TF3	85.0 30	10 % R 40	50	60	70	80	90	100	110	120	130	2 140	50 FT 150	59 160 0 0	F 70 170 0 0	PCT 180 0 0	
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TF30-P-1 85 % RPM BAND 10 11 12 13	LOO 1 EING 0 0 0 0 0	RUNUP 10 0 0 0 0	20 0 0 0 0	85.0 0 0 0 0	00 % R 40 0 0 0 0	50 0 0 0 0	60 0 0 0 0	70 0 0 0 0	80 0 0 0 0	90 0 0 0 0	100 0 0 0 0	110 0 0 0 0	120 0 0 0 0 0	130 0 0 0 0	2 140 0 0 0 0	50 FT 150 0 0 0 0 0	59 160 0 0 0 0	F 70 170 0 0 0 0	PCT 180 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14	LOO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RUNUP 10 0 0 0 0 0	20 0 0 0 0 0	85.0 0 0 0 0 0	00 % R 40 0 0 0 0 0	50 0 0 0 0	60 0 0 0 0	70 0 0 0 0 0	80 0 0 0 0	90 0 0 0 0	100 0 0 0 0 0	110 0 0 0 0 0	120 0 0 0 0 0	130 0 0 0 0 0	2 140 0 0 0 0	50 FT 150 0 0 0	59 160 0 0 0	F 70 170 0 0 0	PCT 180 0 0 0	
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TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16	100 ENG 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	RUNUP 10 0 0 0 0 0 0 0 669 651 633	20 0 0 0 0 0 0 0 0 669 651 633	85.0 30 0 0 0 0 0 0 669 651 633	00 % F 40 0 0 0 0 0 0 669 651 633	50 0 0 0 0 0 0 669 651 633	60 0 0 0 0 0 0 0 669 651 633	70 0 0 0 0 0 0 0 0 669 651 633	80 0 0 0 0 0 0 669 651 633	90 0 0 0 0 0 0 669 651 633	100 0 0 0 0 0 0 0 654 650 647	110 0 0 0 0 0 0 0 0 660 649 638	120 0 0 0 0 0 0 0 686 675 657	130 0 0 0 0 0 0 0 0 693 673 654	2 140 0 0 0 0 0 0 0 722 690 658	50 FT 150 0 0 0 0 0 0 0 742 706 671	59 160 0 0 0 0 0 0 742 706 671	F 70 170 0 0 0 0 0 0 0 742 706 671	PCT 180 0 0 0 0 0 0 0 0 742 706 671	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20	00 ENG 0 0 0 0 0 0 0 0 669 651 633 615	RUNUP 10 0 0 0 0 0 0 669 651 633 615	TF3 20 0 0 0 0 0 0 0 669 651 633 615	85.0 30 0 0 0 0 0 0 669 651 633 615	00 % F 40 0 0 0 0 0 0 669 651 633 615	50 0 0 0 0 0 0 669 651 633 615	60 0 0 0 0 0 0 669 651 633 615	70 0 0 0 0 0 0 0 669 651 633 615	80 0 0 0 0 0 0 0 669 651 633 615	90 0 0 0 0 0 0 669 651 633 615	100 0 0 0 0 0 0 0 654 650 647 643	110 0 0 0 0 0 0 0 660 649 638 627	120 0 0 0 0 0 0 0 686 675 657	130 0 0 0 0 0 0 0 0 693 673 654 635	2 140 0 0 0 0 0 0 0 722 690 658 627	50 FT 150 0 0 0 0 0 0 742 706 671 636	59 160 0 0 0 0 0 0 742 706 671 636	F 70 170 0 0 0 0 0 0 742 706 671 636	PCT 180 0 0 0 0 0 0 0 0 742 706 671 636	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21	1 ENG 0 0 0 0 0 0 0 0 0 669 651 633 615 597	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597	TF3 20 0 0 0 0 0 0 0 669 651 633 615 597	85.0 30 0 0 0 0 0 0 669 651 633 615 597	00 % R 40 0 0 0 0 0 0 669 651 633 615 597	50 0 0 0 0 0 0 669 651 633 615 597	60 0 0 0 0 0 0 669 651 633 615 597	70 0 0 0 0 0 0 0 669 651 633 615 597	80 0 0 0 0 0 0 669 651 633 615 597	90 0 0 0 0 0 0 669 651 633 615 597	100 0 0 0 0 0 0 0 654 650 647 643 608	110 0 0 0 0 0 0 0 660 649 638 627 613	120 0 0 0 0 0 0 0 686 675 657 640 633	130 0 0 0 0 0 0 0 693 673 654 635 619	2 140 0 0 0 0 0 0 0 722 690 658 627 631	50 FT 150 0 0 0 0 0 0 0 742 706 671 636 601	59 160 0 0 0 0 0 0 742 706 671 636 601	F 70 170 0 0 0 0 0 0 742 706 671 636 601	PCT 180 0 0 0 0 0 0 0 742 706 671 636 601	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21	1 ENG 0 0 0 0 0 0 0 0 669 651 633 615 597 580	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580	TF3 20 0 0 0 0 0 0 0 669 651 633 615 597 580	85.0 30 0 0 0 0 0 669 651 633 615 597 580	00 % R 40 0 0 0 0 0 0 669 651 633 615 597 580	50 0 0 0 0 0 0 669 651 633 615 597 580	60 0 0 0 0 0 0 669 651 633 615 597 580	70 0 0 0 0 0 0 0 669 651 633 615 597 580	80 0 0 0 0 0 0 669 651 633 615 597 580	90 0 0 0 0 0 0 669 651 633 615 597 580	100 0 0 0 0 0 0 654 650 647 643 608 589	110 0 0 0 0 0 0 0 660 649 638 627 613 567	120 0 0 0 0 0 0 0 686 675 657 640 633 600	130 0 0 0 0 0 0 0 693 673 654 635 619 597	2 140 0 0 0 0 0 0 722 690 658 627 631 589	50 FT 150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	59 160 0 0 0 0 0 0 742 706 671 636	F 70 170 0 0 0 0 0 0 742 706 671 636	PCT 180 0 0 0 0 0 0 0 0 742 706 671 636	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23	1 ENG 0 0 0 0 0 0 0 0 669 651 633 615 597 580 563	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563	20 0 0 0 0 0 0 0 669 651 633 615 597 580 563	85.0 30 0 0 0 0 0 0 669 651 633 615 597	00 % R 40 0 0 0 0 0 0 669 651 633 615 597	50 0 0 0 0 0 0 669 651 633 615 597	60 0 0 0 0 0 0 669 651 633 615 597	70 0 0 0 0 0 0 0 669 651 633 615 597	80 0 0 0 0 0 0 669 651 633 615 597	90 0 0 0 0 0 0 669 651 633 615 597	100 0 0 0 0 0 0 0 654 650 647 643 608	110 0 0 0 0 0 0 0 660 649 638 627 613	120 0 0 0 0 0 0 0 686 675 657 640 633	130 0 0 0 0 0 0 0 693 673 654 635 619	2 140 0 0 0 0 0 0 0 722 690 658 627 631	50 FT 150 0 0 0 0 0 0 0 742 706 671 636 601	59 160 0 0 0 0 0 0 742 706 671 636 601 572	F 70 170 0 0 0 0 0 0 742 706 671 636 601 572	PCT 180 0 0 0 0 0 0 0 742 706 671 636 601 572	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21	1 ENG 0 0 0 0 0 0 0 0 669 651 633 615 597 580	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580	TF3 20 0 0 0 0 0 0 0 669 651 633 615 597 580	85.0 30 0 0 0 0 0 0 669 651 633 615 597 580 563	00 % R 40 0 0 0 0 0 0 669 651 633 615 597 580 563	50 0 0 0 0 0 0 669 651 633 615 597 580 563	60 0 0 0 0 0 0 669 651 633 615 597 580 563	70 0 0 0 0 0 0 0 669 651 633 615 597 580 563	80 0 0 0 0 0 0 669 651 633 615 597 580 563	90 0 0 0 0 0 669 651 633 615 597 580 563	100 0 0 0 0 0 0 654 650 647 643 608 589 570	110 0 0 0 0 0 0 660 649 638 627 613 567 522 519 504	120 0 0 0 0 0 0 0 686 675 657 640 633 600 575 586 561	130 0 0 0 0 0 0 0 693 673 654 635 619 597 581 609 573	2 140 0 0 0 0 0 0 722 690 658 627 631 589 581 607 577	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 543 570 572	59 160 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572	F 70 170 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572	PCT 180 0 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	1 ENG 0 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	85.0 30 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	00 % R 40 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	50 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	70 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	90 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511	100 0 0 0 0 0 0 0 654 650 647 643 608 589 570 552 533 514	110 0 0 0 0 0 0 0 660 649 638 627 613 567 522 519 504 489	120 0 0 0 0 0 0 0 686 675 657 640 633 600 575 586 561 535	130 0 0 0 0 0 0 0 693 673 654 635 619 597 581 609 573 537	2 140 0 0 0 0 0 0 0 722 690 658 627 631 589 581 607 577 547	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525	59 160 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525	F 70 170 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525	PCT 180 0 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	1 ENG 0 0 0 0 0 0 0 669 651 633 615 597 5863 545 528 511 493	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	85.0 30 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	00 % F 40 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	50 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	70 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493	90 0 0 0 0 0 0 669 651 633 545 597 580 563 545 528 511 493	100 0 0 0 0 0 0 654 650 647 643 608 589 570 552 533 514 495	110 0 0 0 0 0 0 660 649 638 627 613 567 522 519 504 489 473	120 0 0 0 0 0 0 0 0 686 675 657 640 633 600 575 586 561 535 510	130 0 0 0 0 0 0 0 693 673 654 635 619 597 581 609 573 537	2 140 0 0 0 0 0 0 722 690 658 627 631 589 581 607 577 547 517	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	59 160 0 0 0 0 0 0 0 742 706 6671 572 543 570 572 525 535	F 70 170 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	PCT 180 0 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	100 1 ENG 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	85.00 30 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476	00 % F F 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	70 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	90 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 545 545 545 549 476	100 0 0 0 0 0 0 0 654 650 647 643 608 589 570 552 552 533 514 495 477	110 0 0 0 0 0 0 0 0 660 649 638 627 613 567 522 519 504 489 473 458	120 0 0 0 0 0 0 0 0 686 675 657 640 633 600 575 586 5561 535 510 484	130 0 0 0 0 0 0 0 0 0 693 673 654 635 619 597 581 597 581 500	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	59 160 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	F 70 170 0 0 0 0 0 0 0 0 742 706 671 572 543 570 572 525 535	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	100 1 ENG 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459	85.0 30 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 521 493 476 459	0 % F 40 0 0 0 0 0 0 0 0 0 0 669 651 633 545 5597 580 563 545 521 493 476 459	50 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459	70 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 545 528 511 493 476 459	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459	90 0 0 0 0 0 0 669 651 633 615 597 580 563 545 545 549 476 459	100 0 0 0 0 0 0 0 654 650 647 643 608 589 570 552 552 553 514 495 477 458	110 0 0 0 0 0 0 0 660 649 638 627 613 567 522 519 489 473 458 443	120 0 0 0 0 0 0 0 0 686 675 657 640 633 600 575 586 586 551 510 484 473	130 0 0 0 0 0 0 0 0 0 693 673 654 635 619 597 581 597 581 590 481	2 140 0 0 0 0 0 0 722 690 658 627 631 589 581 607 577 547 517	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	59 160 0 0 0 0 0 0 0 742 706 6671 572 543 570 572 525 535	F 70 170 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	PCT 180 0 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	100 1 ENG 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	85.00 30 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476	00 % F F 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	70 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459	90 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 545 545 545 549 476	100 0 0 0 0 0 0 0 654 650 647 643 608 589 570 552 552 533 514 495 477	110 0 0 0 0 0 0 0 0 660 649 638 627 613 567 522 519 504 489 473 458	120 0 0 0 0 0 0 0 0 686 675 657 640 633 600 575 586 5561 535 510 484	130 0 0 0 0 0 0 0 0 0 693 673 654 635 619 597 581 597 581 500	2 140 0 0 0 0 0 0 722 690 658 627 631 589 581 577 547 517 487 456	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535 524 493	59 160 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 572 572 572 572 572 572 572 572 572	F 70 170 0 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 572 572 572 572 572 572 572 572 572	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	100 1 ENG 0 0 0 0 0 0 669 651 633 615 597 580 563 545 548 511 493 476 459 441	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441	85.0 30 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 476 493 476 459 441	00 % F F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441	60 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441	70 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 476 459 441 424	80 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 476 459 441	90 0 0 0 0 0 0 669 651 633 615 597 580 545 528 449 476 459	100 0 0 0 0 0 0 0 654 650 647 643 608 589 570 552 533 531 495 477 458 439	110 0 0 0 0 0 0 0 660 649 638 627 613 567 522 519 473 458 443 428	120 0 0 0 0 0 0 0 686 675 657 640 633 600 575 586 561 535 5510 484 473 454	130 0 0 0 0 0 0 0 0 693 673 654 635 619 597 581 609 573 573 501 500 481 466	2 140 0 0 0 0 0 0 0 722 690 658 627 631 589 581 607 577 517 487 456 449	50 FT 150 0 0 0 0 742 706 671 636 6572 543 570 572 525 534 487 469 454	59 160 0 0 0 0 0 0 742 706 671 636 671 572 543 570 572 525 535 524 493 487 469 454	F 700 170 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	100 1 ENG 0 0 0 0 0 0 0 0 669 651 633 545 597 580 563 545 528 511 493 476 441 424	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 407 390	85.0 30 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390	00 % F F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 407 390	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 407 390	70 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390	90 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390	100 0 0 0 0 0 0 0 654 650 647 643 608 559 552 533 514 495 477 458 439 420 402 383	110 0 0 0 0 0 0 0 660 649 638 627 613 5567 5522 519 504 489 473 458 443 443 443 443 441 2397 382	120 0 0 0 0 0 0 0 686 675 640 633 630 6575 586 561 535 510 484 473 443 443 416 397	130 0 0 0 0 0 0 0 693 673 654 635 597 581 609 573 537 501 500 481 466 451 436 425	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 525 533 570 572 493 487 469 454 425	59 160 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 469 454 425	F 700 170 0 0 0 0 0 0 742 706 671 636 601 572 525 535 574 493 487 489 454 425	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	100 1 ENG 0 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372	85.00 30 0 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 427 390 372	00 % F F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372	70 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372	90 0 0 0 0 0 0 669 651 633 615 597 580 583 545 528 511 493 476 459 441 407 390 372	100 0 0 0 0 0 0 0 654 650 647 643 608 559 570 552 533 514 495 477 458 439 402 383 364	110 0 0 0 0 0 0 0 660 649 638 627 613 5567 5522 519 9473 458 443 428 443 428 439 7382 366	120 0 0 0 0 0 0 0 0 686 675 640 633 633 657 558 5510 484 473 454 473 454 435 416 397 378	130 0 0 0 0 0 0 0 693 673 654 635 619 597 581 609 573 537 501 500 481 466 451 436 425 395	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 425 395	59 160 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535 524 493 487 469 454 425 395	F 700 170 0 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 425 395	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	100 1 ENG 0 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372 506	85.00 30 0 0 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 449 441 424 427 439 372 506	0 % F F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 669 651 633 615 597 5863 545 528 511 493 476 459 441 424 407 390 372 506	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506	70 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 440 390 372 506	90 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372 506	100 0 0 0 0 0 0 0 654 650 647 643 608 589 552 533 514 495 477 458 439 420 402 383 364 441	110 0 0 0 0 0 0 0 660 649 638 627 613 567 522 519 504 489 473 458 443 428 412 397 382 366 438	120 0 0 0 0 0 0 0 0 686 675 657 575 586 561 535 510 484 473 454 435 436 397 378 418	130 0 0 0 0 0 0 0 0 693 673 654 635 619 597 581 609 573 581 466 451 446 445 445 443 443	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 452 395	59 160 0 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 4425 395 451	F 700 170 0 0 0 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 454 455 451	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	100 1 ENG 0 0 0 0 0 0 669 651 633 615 597 5863 545 528 511 493 476 459 441 424 407 390 372 506 441	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441	85.00 30 0 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 307 307 2506 441	0 % F F 6 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 9 6	50 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441	60 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441	70 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372 506 441	80 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372 506 441	90 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372 506	100 0 0 0 0 0 0 0 654 650 647 643 608 589 570 477 458 439 420 402 402 383 364 441 382	110 0 0 0 0 0 0 0 660 649 638 627 613 567 522 529 57 448 443 428 412 428 412 397 382 366 438 390	120 0 0 0 0 0 0 0 0 686 675 657 640 633 600 5586 561 535 510 484 473 454 435 416 397 378 418 382	130 0 0 0 0 0 0 0 0 693 673 654 635 619 597 597 591 500 481 436 451 436 425 395 443 404	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 454 454 451 417	59 160 0 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 425 395 451	F 700 170 0 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 425 395	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	100 1 ENG 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 372 506 441 398	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441 398	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441 398	85.00 30 0 0 0 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 449 441 424 427 439 372 506	0 % F F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 669 651 633 615 597 5863 545 528 511 493 476 459 441 424 407 390 372 506	60 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506	70 0 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506	80 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 440 390 372 506	90 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 390 372 506	100 0 0 0 0 0 0 0 654 650 647 643 608 589 552 533 514 495 477 458 439 420 402 383 364 441	110 0 0 0 0 0 0 0 660 649 638 627 613 567 522 519 504 489 473 458 443 428 412 397 382 366 438	120 0 0 0 0 0 0 0 0 686 675 657 575 586 561 535 510 484 473 454 435 436 397 378 418	130 0 0 0 0 0 0 0 0 693 673 654 635 619 597 581 609 573 581 466 451 446 445 445 443 443	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 452 395	59 160 0 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 4425 395 451	F 700 170 0 0 0 0 0 0 0 0 0 742 706 671 636 601 572 525 535 524 493 487 469 454 425 425 425 421 421	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TF30-P-1 85 % RPM BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	100 1 ENG 0 0 0 0 0 0 669 651 633 615 597 5863 545 528 511 493 476 459 441 424 407 390 372 506 441	RUNUP 10 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441	TF3 20 0 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441	85.00 30 0 0 0 0 0 0 0 669 651 633 615 597 580 545 545 545 5441 493 476 441 424 407 390 441 392 441 392 403 403 404 405 405 405 405 405 405 405	0 % F F 6 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6 6 9 6	50 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 459 441 424 407 390 372 506 441 398	60 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 441 424 407 390 372 541 398 449 406	70 0 0 0 0 0 0 669 651 633 545 528 511 493 446 441 424 407 390 372 506 441 398 449 406	80 0 0 0 0 0 0 669 651 633 615 597 580 545 528 511 493 476 459 441 424 407 370 372 506 441 398	90 0 0 0 0 0 669 651 633 615 597 580 563 545 528 511 493 476 441 424 407 390 372 506 441 438 449 449 440	100 0 0 0 0 0 0 654 650 647 643 608 589 570 552 552 477 458 439 420 402 383 383 441 382 352 367	110 0 0 0 0 0 0 660 649 638 627 522 519 504 489 473 458 443 428 412 397 382 366 438 364 364 343	120 0 0 0 0 0 0 0 686 675 657 640 575 586 561 533 510 484 473 454 435 416 397 378 418 382 371 367 349	130 0 0 0 0 0 0 0 0 693 673 654 635 619 597 581 500 481 436 425 436 425 443 404 390	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 742 706 671 636 671 572 525 535 532 487 469 454 425 395 451 417 396 393 362	59 160 0 0 0 0 0 742 706 671 636 671 572 525 535 534 493 487 469 454 425 395 451 417 396 393 362	F 700 170 0 0 0 0 0 0 742 706 671 636 601 572 543 570 572 525 535 524 493 487 469 454 425 431 396	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

MILITARY TF41-A-1		10604		1-A-1	_		HUS	H HOU	SE	1 N	ŒASUF	ED U	J.S.A.	F.	15 M	AR 19	90 Si	ingle	Engin	e Data		
MIL PWR					00 % F	PM.		903.0					0 LBS			50 FI		F 70		29.92	IN	HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180			
10 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
13	0	ō	0	ō	0	Ö	0	ő	Ö	ō	0	ō	ō	Ö	Ö	0	ō	Ö	0			
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
17 18	732 686	689 673	739 669	732 673	734 673	754 691	754 696	779 726	772 729	778 735	764 760	774 773	804 803	836 793	849 761	874 799	874 833	856 815	886 827			
19	679	647	649	649	654	639	651	687	699	717	720	703	753	757	741	724	747	733	743			
20	718	675	662	678	655	648	638	670	665	687	704	704	718	721	708	678	688	674	654			
21	707	669	664	661	631	644	629	654	639	661	676	674	684	704	697	659	671	654	611			
22	666	638	623	633	580	613	606	596	598	617	635	642	667	685	668	626	558	627	599			
23	625	590	610	602	565	570	568	555	548	582	597	627	655	687	680	620	546	622	607			
24 25	663 700	636 680	666 682	636 644	601 607	579 574	593 580	581 572	573 562	603 577	606 573	636 619	690 639	700 649	723 667	706 660	602 625	628 623	640 633			
26	742	707	690	704	667	642	632	610	552	576	544	584	577	602	650	627	605	587	592			
27	744	712	702	714	689	699	656	666	602	590	563	555	568	591	639	619	605	593	578			
28	736	690	683	690	686	706	646	658	618	611	567	559	562	582	618	620	596	587	577			
29	682	637	629	645	647	662	622	615	585	591	573	557	565	560	625	599	543	577	560			
30	655	632	608	618	622	622	570	585	530	551	535	552	558	552	600	595	523	568	550			
31	683	670	630	637	647	627	597	595	545	559	530	560	567	555	610	627	493	560	535			
32 33	670 594	668 612	628 584	636 592	636 574	610 547	580 532	573 522	548 507	547 503	512 495	550 533	575 545	545 511	603 560	586 520	490 464	520 501	512 501			
34	511	529	527	549	547	504	469	454	467	480	480	497	522	472	524	497	463	480	484			
35	484	494	468	484	471	454	451	464	506	491	454	489	489	477	521	504	641	489	491			
36	499	506	484	486	479	454	464	479	526	502	452	477	465	475	504	499	564	477	482			
37	507	530	497	503	483	433	433	447	510	489	446	464	458	468	490	500	523	478	476			
38 39	503 512	517 532	485 472	483 482	473 474	430 434	453 460	445 450	497 507	469 460	419 408	439 418	444 421	444 426	473 474	485 477	480 464	459 446	454 446			
40	477						422	417	472	425	420	392	390	387	447		442					
	4//	492	432	440	484	414	444	41/	7/4	747	420	372	ユ ラリ	307	44	452	442	412	410			
MILITARY				440	484	414	422	417	4/2	123	420	372	390	367	41 /	452	442	412	410			
MILITARY TF41-A-1	RM00		V	1-A-1			HUS	н нои	SE	1 M	EASUR	ED U	.s.a.	F.	15 M	AR 19	90 Si	ngle	Engin	e Data		
MILITARY TF41-A-1 MAX CONT	RM00	10605	V TF4	1-A-1 95.0	0 % R	PM.	HUS 7	н нои 409.0	SE O LBS	1 M /HR	EASUR 10	ED U 992.0	.S.A. 0 LBS	F.	15 M	AR 19 50 FT	90 Si 59	ngle F 70	Engin PCT	e Data 29.92	IN	HG
MILITARY TF41-A-1	RM00		V	1-A-1			HUS	н нои	SE	1 M	EASUR	ED U	.s.a.	F.	15 M	AR 19	90 Si	ngle	Engin		IN	HG
MILITARY TF41-A-1 MAX CONT BAND	RM00 PWR 0	10605 10	V TF4 20	1-A-1 95.0 30	0 % R 40	РМ 50	HUS 7 60	н нои 409.0 70	SE 0 LBS 80	1 M /HR 90	EASUR 10 100	ED U 992.0 110	.S.A. 0 LBS 120	F. 130	15 M 2 140	AR 19 50 FT 150	90 Si 59 160	ngle F 70 170	Engin PCT 180		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11	PWR 0 0 0	10605 10 0 0	V TF4 20 0 0	1-A-1 95.0 30 0 0	0 % R 40 0 0	PM 50 0 0	HUS 7 60 0 0	H HOU 409.0 70 0 0	SE 0 LBS 80 0 0	1 M /HR 90 0 0	EASUR 100 100 0 0	ED U 992.0 110 0 0	0 LBS 0 LBS 0 0 0 0	F. 130 0 0	15 M 2 140 0 0	AR 19 50 FT 150 0 0	90 Si 59 160 0 0	ngle F 70 170 0 0	Engin PCT 180 0 0		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13	PWR 0 0 0 0	10605 10 0 0 0	V TF4 20 0 0 0	1-A-1 95.0 30 0 0 0	0 % R 40 0 0 0	PM 50 0 0 0 0	HUS 7 60 0 0 0	H HOU 409.0 70 0 0 0	SE 0 LBS 80 0 0	1 M /HR 90 0 0	EASUR 100 0 0 0	ED U 992.0 110 0 0 0	0 LBS 120 0 0 0	F. 130 0 0 0 0	15 M 2 140 0 0 0	AR 19 50 FT 150 0 0 0	90 Si 59 160 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14	PWR 0 0 0 0 0	10605 10 0 0 0 0	V TF4 20 0 0 0 0	1-A-1 95.0 30 0 0 0	0 % R 40 0 0 0	PM 50 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0	H HOU 409.0 70 0 0 0	SE 0 LBS 80 0 0 0	1 M /HR 90 0 0 0	100 100 0 0 0 0	ED U 992.0 110 0 0 0	0.S.A. 0 LBS 120 0 0 0 0	F. 130 0 0 0 0	15 M 2 140 0 0 0 0	AR 19 50 FT 150 0 0 0 0	90 Si 59 160 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0 0		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0	V TF4 20 0 0 0 0	1-A-1 95.0 30 0 0 0	0 % R 40 0 0 0 0	PM 50 0 0 0 0	HUS 7 60 0 0 0	H HOU 409.0 70 0 0 0	SE 0 LBS 80 0 0	1 M /HR 90 0 0	EASUR 100 0 0 0	ED U 992.0 110 0 0 0	0 LBS 120 0 0 0	F. 130 0 0 0 0	15 M 2 140 0 0 0	AR 19 50 FT 150 0 0 0	90 Si 59 160 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14	PWR 0 0 0 0 0	10605 10 0 0 0 0	V TF4 20 0 0 0 0	1-A-1 95.0 30 0 0 0 0	0 % R 40 0 0 0	DPM 50 0 0 0 0 0 0 0 0 0 0	HUS 760 0 0 0 0 0 0 0 0	H HOU 409.0 70 0 0 0 0	SE 0 LBS 80 0 0 0 0	1 M /HR 90 0 0 0	EASUR 100 100 0 0 0 0	ED U 992.0 110 0 0 0 0	J.S.A. 0 LBS 120 0 0 0 0	F. 130 0 0 0 0 0	15 M 2 140 0 0 0 0	AR 19 50 FT 150 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	Engin PCT 180 0 0 0 0		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18	PWR 0 0 0 0 0 0 0 0 699 649	10605 10 0 0 0 0 0 0 689 651	V TF4 20 0 0 0 0 0 0 712 653	1-A-1 95.0 30 0 0 0 0 0 0 0	0 % R 40 0 0 0 0 0 0 0 726	PM 50 0 0 0 0 0 0 0 0 0 71.2 673	HUS 7 60 0 0 0 0 0 0 732 663	H HOU 409.0 70 0 0 0 0 0 0 764 699	SE 80 0 0 0 0 0 0 0 764 709	1 M /HR 90 0 0 0 0 0 0 734 707	100 100 0 0 0 0 0 0 0 0 726 720	ED U 992.0 110 0 0 0 0 0 0 731 737	7.S.A. 0 LBS 120 0 0 0 0 0 0 0 768 777	F. 130 0 0 0 0 0 0 801 743	15 M 2 140 0 0 0 0 0 0 0 0 824 766	AR 19 50 FT 150 0 0 0 0 0 0 846 789	90 Si 59 160 0 0 0 0 0 0 862 811	ngle F 70 170 0 0 0 0 0 0 0	Engin PCT 180 0 0 0 0 0 0 0 848 795		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19	PWR 0 0 0 0 0 0 0 0 699 649 677	10605 10 0 0 0 0 0 0 689 651 634	TF4 20 0 0 0 0 0 712 653 627	1-A-1 95.0 30 0 0 0 0 0 0 0 699 669	0 % R 40 0 0 0 0 0 726 676	50 0 0 0 0 0 0 0 0 71.2 673 627	HUS 760 0 0 0 0 0 0 732 663 629	H HOU 409.0 70 0 0 0 0 0 0 0 764 699 654	SE 80 0 0 0 0 0 0 764 709 669	1 M /HR 90 0 0 0 0 0 0 734 707 695	100 100 0 0 0 0 0 0 0 0 726 720	ED U 992.0 110 0 0 0 0 0 0 731 737 677	7.S.A. 0 IBS 120 0 0 0 0 0 0 0 768 777 713	F. 130 0 0 0 0 0 0 801 743 703	15 M 2 140 0 0 0 0 0 0 0 0 824 766 716	AR 19 50 FT 150 0 0 0 0 0 0 846 789	90 Si 59 160 0 0 0 0 0 0 862 811 749	ngle F 70 170 0 0 0 0 0 0 834 787	Engine PCT 180 0 0 0 0 0 0 0 848 795 720		IN '	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20	PWR 0 0 0 0 0 0 0 0 699 649 677 710	10605 10 0 0 0 0 0 0 689 651 634 662	TF4 20 0 0 0 0 0 712 653 627 668	1-A-1 95.0 30 0 0 0 0 0 0 0 699 669 644 685	0 % R 40 0 0 0 0 0 726 676 634	50 0 0 0 0 0 0 0 71.2 673 627	HUS 7 60 0 0 0 0 0 732 663 629	H HOU 409.0 70 0 0 0 0 0 0 0 764 699 654 662	SE 0 LBS 80 0 0 0 0 0 0 764 709 669 642	1 M /HR 90 0 0 0 0 0 734 707 695 668	100 100 0 0 0 0 0 0 0 726 720 687 686	ED U 992.0 110 0 0 0 0 0 0 731 737 677	0 IBS 120 0 0 0 0 0 0 0 0 768 777 713 681	F. 130 0 0 0 0 0 0 801 743 703 674	15 M 2 140 0 0 0 0 0 0 0 0 824 766 716 686	AR 19 50 FT 150 0 0 0 0 0 0 846 789 729 698	90 Si 59 160 0 0 0 0 0 862 811 749	ngle F 70 0 0 0 0 0 0 0 0 0 0 834 787 715	Engine PCT 180 0 0 0 0 0 0 0 848 795 720 661		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649	V TF4 20 0 0 0 0 0 712 653 627 668 654	1-A-1 95.0 30 0 0 0 0 0 0 699 669 644 685 661	0 % R 40 0 0 0 0 0 726 676 634 640 631	50 0 0 0 0 0 0 0 0 712 673 627 632 627	HUS 7 60 0 0 0 0 0 732 663 629 620 601	H HOU 409.0 70 0 0 0 0 0 0 764 699 654 662 639	SE 0 LBS 80 0 0 0 0 0 764 709 669 642 614	1 M /HR 90 0 0 0 0 0 734 707 695 668 642	100 100 0 0 0 0 0 0 0 726 720 687 686 668	ED U 992.0 110 0 0 0 0 731 737 677 678 646	7.S.A. 0 LBS 120 0 0 0 0 0 0 768 777 713 681 664	F. 130 0 0 0 0 0 801 743 703 674 656	15 M 2 140 0 0 0 0 0 0 0 0 824 766 716 686 668	AR 19 50 FT 150 0 0 0 0 0 0 846 789 729 698 679	90 Si 59 160 0 0 0 0 0 862 811 749 710	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 644	Engine PCT 180 0 0 0 0 0 0 0 0 848 795 720 661 644		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20	PWR 0 0 0 0 0 0 0 0 699 649 677 710	10605 10 0 0 0 0 0 0 689 651 634 662	TF4 20 0 0 0 0 0 712 653 627 668	1-A-1 95.0 30 0 0 0 0 0 0 0 699 669 644 685	0 % R 40 0 0 0 0 0 726 676 634	50 0 0 0 0 0 0 0 71.2 673 627	HUS 7 60 0 0 0 0 0 732 663 629	H HOU 409.0 70 0 0 0 0 0 0 0 764 699 654 662	SE 0 LBS 80 0 0 0 0 0 0 764 709 669 642	1 M /HR 90 0 0 0 0 0 734 707 695 668	100 100 0 0 0 0 0 0 0 726 720 687 686	ED U 992.0 110 0 0 0 0 0 0 731 737 677	0 IBS 120 0 0 0 0 0 0 0 0 768 777 713 681	F. 130 0 0 0 0 0 0 801 743 703 674	15 M 2 140 0 0 0 0 0 0 0 0 824 766 716 686	AR 19 50 FT 150 0 0 0 0 0 0 846 789 729 698	90 Si 59 160 0 0 0 0 0 862 811 749	ngle F 70 0 0 0 0 0 0 0 0 0 0 834 787 715	Engine PCT 180 0 0 0 0 0 0 0 848 795 720 661		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 651 634 662 649 628 595 626	V TF4 20 0 0 0 0 0 712 653 627 668 654 626 605 643	1-A-1 95.0 30 0 0 0 0 0 0 699 644 685 661 633 588 629	0 % R 40 0 0 0 0 0 726 676 634 640 631 610 600 636	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 7 32 663 629 620 601 608 582 661	H HOU 409.0 70 0 0 0 0 764 699 654 662 639 596 565 581	SE 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 M /HR 90 0 0 0 0 0 734 707 695 668 642 607 568 590	100 100 0 0 0 0 0 0 726 720 687 686 668 629 615 618	ED U 992.0 110 0 0 0 0 0 731 737 677 678 646 627 607 620	7.S.A. 0 LBS 120 0 0 0 0 0 0 768 777 713 681 664 645 642 676	130 0 0 0 0 0 0 0 801 743 703 674 656 662 655 690	15 M 2 140 0 0 0 0 0 0 824 766 716 686 668 654 642 693	AR 19 50 FT 150 0 0 0 0 0 0 846 729 698 679 646 630 696	90 Si 59 160 0 0 0 0 0 862 811 749 710 677 653 628 666	ngle F 70 0 0 0 0 0 0 834 787 715 674 644 635 632 633	Engina PCT 180 0 0 0 0 0 0 848 795 720 661 644 612 592 618		IN '	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	PWR 0 0 0 0 0 0 0 0 699 649 677 710 646 605 639 652	10605 10 0 0 0 0 0 689 651 634 662 649 628 595 626 637	V TF4 20 0 0 0 0 0 712 653 627 668 654 626 605 643 622	1-A-1 95.0 30 0 0 0 0 0 0 699 669 644 685 661 633 588 629 612	0 % R 40 0 0 0 0 0 726 676 634 640 631 610 600 636 657	50 0 0 0 0 0 0 712 673 627 632 627 590 560 579	HUS 7 60 0 0 0 0 732 663 629 620 601 608 582 661 687	H HOU 409.0 70 0 0 0 0 0 764 699 654 662 639 596 565 581 587	SE 80 0 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 N 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 100 0 0 0 0 0 0 726 720 687 686 668 629 615 618 599	ED U 992.0 0 0 0 0 0 0 731 737 677 678 646 627 607 620 591	0 IBS 120 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611	F. 130 0 0 0 0 0 801 743 703 674 656 662 655 690 643	15 M 2 140 0 0 0 0 0 0 0 824 766 716 686 668 654 642 693 652	AR 19 50 FT 150 0 0 0 0 0 846 789 729 698 679 646 630 696 660	90 Si59 160 0 0 0 0 0 0 862 8811 749 710 653 628 666 657	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 633	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631		IN '	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	PWR 0 0 0 0 0 0 0 0 699 649 677 710 646 605 639 652 642	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604	V TF4 20 0 0 0 0 0 0 712 653 627 668 654 626 643 622 610	1-A-1 95.0 0 0 0 0 0 0 699 669 644 685 661 588 629 612 592	0 % R 40 0 0 0 0 0 0 0 726 634 640 631 610 600 636 657 637	50 0 0 0 0 0 0 0 712 673 627 632 627 632 550 550 579	HUSS 77 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	H HOU 409.0 0 0 0 0 0 0 764 699 654 662 639 555 581 587	SE 80 LBS 80 0 0 0 0 0 0 0 764 709 669 614 573 555 573 5542 510	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 731 737 677 678 646 627 620 591 534	0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611 552	130 0 0 0 0 0 0 0 801 743 703 674 662 655 690 643 582	15 M 2 140 0 0 0 0 0 0 824 766 716 686 668 654 642 693 652 608	AR 19 50 FT 150 0 0 0 0 0 846 789 729 698 679 646 630 696 660 634	90 Sii 59 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 635 632 633 633 587	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672	V TF4 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1-A-1 95.0 0 0 0 0 0 0 0 669 669 644 685 661 633 588 629 612 592	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 0 0 712 673 627 632 627 590 550 557 554 642	HUS 7 60 0 0 0 0 0 0 732 663 629 620 601 687 652 684	H HOU 409.0 0 0 0 0 0 0 0 764 669 654 662 639 556 5581 587 557 614	SE 80 LBS 80 0 0 0 0 0 0 0 764 709 669 642 614 575 555 573 542 510 564	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 731 737 677 678 646 627 607 620 591 534	0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 664 645 645 642 676 611 552 541	130 0 0 0 0 0 0 0 0 801 743 703 674 656 662 662 665 669 643 582 568	15 M 2 140 0 0 0 0 0 0 0 824 766 716 686 654 642 693 652 608 605	AR 19 50 FT 150 0 0 0 0 0 0 846 789 729 698 679 646 630 696 660 634 642	90 Sii 59 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 633 587 578	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 641 612 592 618 631 617 595		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	PWR 0 0 0 0 0 0 0 0 699 649 677 710 646 605 639 652 642	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604	V TF4 20 0 0 0 0 0 0 712 653 627 668 654 626 643 622 610	1-A-1 95.0 0 0 0 0 0 0 699 669 644 685 661 588 629 612 592	0 % R 40 0 0 0 0 0 0 0 726 634 640 631 610 600 636 657 637	50 0 0 0 0 0 0 0 712 673 627 632 627 632 550 550 579	HUSS 77 60 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	H HOU 409.0 0 0 0 0 0 0 764 699 654 662 639 555 581 587	SE 80 LBS 80 0 0 0 0 0 0 0 764 709 669 614 573 555 573 5542 510	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 731 737 677 678 646 627 620 591 534	0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611 552	130 0 0 0 0 0 0 0 801 743 703 674 662 655 690 643 582	15 M 2 140 0 0 0 0 0 0 824 766 716 686 668 654 642 693 652 608	AR 19 50 FT 150 0 0 0 0 0 846 789 729 698 679 646 630 696 660 634	90 Sii 59 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 635 632 633 633 587	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	PWR 0 0 0 0 0 0 0 0 0 0 0 699 649 677 710 691 646 605 639 652 642 702 656 617 595	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578	V TF4 20 0 0 0 0 0 712 653 627 668 654 626 605 643 622 610 669 626 577 565	1-A-1 95.0 0 0 0 0 0 0 0 699 669 664 685 661 633 588 629 612 592 659 659 659	0 % R 40 0 0 0 0 0 0 0 0 726 676 664 665 657 666 663 6629 592	DM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 732 663 629 661 687 652 6652 6654 653 629 610	H HOU 409.0 0 0 0 0 0 0 0 0 764 699 596 565 581 587 557 557 557 557 557 557	SE 80 1 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P / HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 726 720 687 688 668 629 615 618 599 540 525 525 525 525 530	ED U 992.0 0 0 0 0 0 0 731 737 678 646 627 607 620 591 534 523 522 527	7.S.A. 0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611 552 541 539 535 542	130 0 0 0 0 0 0 0 0 801 743 656 662 655 690 643 582 568 549 527 522	15 M 2 140 0 0 0 0 0 0 0 824 766 716 686 668 654 642 693 652 608 605 589 558 550	AR 19 50 FT 150 0 0 0 0 0 0 846 789 698 679 646 630 696 6634 642 628 589 578	90 Si 59 160 0 0 0 0 0 0 0 0 862 811 749 710 653 628 665 665 630 629 616 595	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 633 587 578 579 557	Engin PCT 180 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617 595 587 557 542		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600	V TF4 20 0 0 0 0 0 712 653 664 626 605 643 622 610 669 669 577 565 583	1-A-1 95.0 0 0 0 0 0 0 0 669 669 664 661 633 588 629 612 592 659 659 659	0 % R 40 0 0 0 0 0 726 676 634 631 610 636 657 637 636 643 657 637 636 643 657 636 657	PM 50 0 0 0 0 0 0 0 712 673 627 650 557 554 642 648 589 572 570	HUS 7 60 0 0 0 0 0 0 732 663 6629 6616 687 652 664 6653 629 610 605	H HOU 409.0 0 0 0 0 0 0 0 764 699 596 565 581 587 614 593 567 614 593 567	SE 80 1 LBS 80 0 0 0 0 0 0 0 0 764 709 664 2 614 573 555 573 542 510 564 539 498 503	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 0 731 737 677 678 646 627 607 620 591 534 522 527 535 533	0.S.A. 0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611 552 541 539 535 542 537	130 0 0 0 0 0 0 0 0 801 743 656 662 655 690 643 582 568 568 568 569 527 522 523	15 M 2 140 0 0 0 0 0 0 0 824 766 686 654 642 693 652 605 589 558 550 557	AR 19 50 FT 150 0 0 0 0 0 0 846 789 698 679 646 630 696 660 634 642 628 589 578 590	90 Si 59 160 0 0 0 0 0 0 0 862 811 749 710 653 628 666 657 630 629 629 629 635 585	ngle F 70 0 0 0 0 0 0 0 834 787 715 674 635 632 633 587 575 578 579 557	Engin PCT 180 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617 595 587 595 587 595 587		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600 600	V TF4 20 0 0 0 0 0 0 712 653 627 668 654 622 610 669 6577 565 583 588	1-A-1 95.0 0 0 0 0 0 0 0 669 644 665 661 633 588 629 612 592 659 652 658 572 583 588	0 % R 40 0 0 0 0 0 0 726 676 634 640 631 610 636 657 666 664 663 663 659 592 595	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 732 663 629 661 688 582 661 684 652 664 662 661 605 588	H HOU 409.0 0 0 0 0 0 0 0 764 659 555 581 587 557 614 593 557 614 593 557 614 593 547 553	SE 80 1 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 0 731 737 677 678 646 627 607 620 591 534 523 522 527 535 533 520	0.S.A. 0 IBS 120 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611 552 541 539 535 542 537 530	130 0 0 0 0 0 0 0 0 801 743 703 656 662 655 690 643 582 568 557 522 523 530	15 M 2 140 0 0 0 0 0 0 0 824 766 686 654 642 693 652 608 558 559 557 542	AR 19 50 FT 150 0 0 0 0 0 846 789 698 679 646 630 696 660 634 642 628 578 590 553	90 Si 59 160 0 0 0 0 0 0 0 862 811 749 710 653 628 666 657 630 629 616 595 585 585	ngle F 70 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 587 578 579 557 540 533 505	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617 595 587 557 542 513 508		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600 560	V TF4 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1-A-1 95.0 0 0 0 0 0 0 0 669 664 665 661 633 588 629 612 592 659 626 552 552 552 552 552 552 552 553 553 553	0 % R 40 0 0 0 0 0 0 0 726 634 640 631 631 666 643 666 643 559 592 595 590	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 7322 663 629 6601 608 582 661 687 6552 684 653 669 6610 605 588 614	H HOU 409.0 0 0 0 0 0 0 0 764 669 596 565 587 557 614 593 596 547 553 484	SE 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 731 737 678 646 627 620 591 534 523 522 523 523 525 527 535 520 513	7.S.A. 0 IBS 120 0 0 0 0 0 0 768 777 713 681 642 645 642 676 611 552 541 535 542 537 530 513	130 0 0 0 0 0 0 0 0 801 743 703 664 655 690 643 582 568 549 527 522 523 530 505	15 M 2 140 0 0 0 0 0 0 0 824 766 716 686 668 654 642 693 652 608 605 558 559 557 542 511	AR 19 50 FT 150 0 0 0 0 0 846 789 698 679 646 630 696 634 642 628 589 578 553 517	90 Sii 59 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ngle F 70 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 633 587 578 578 579 557 540 533	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617 595 587 557 557 557 557 542 513 508 511		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600 600	V TF4 20 0 0 0 0 0 0 712 653 627 668 654 622 610 669 6577 565 583 588	1-A-1 95.0 0 0 0 0 0 0 0 669 644 665 661 633 588 629 612 592 659 652 658 572 583 588	0 % R 40 0 0 0 0 0 0 726 676 634 640 631 610 636 657 666 664 663 663 659 592 595	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 732 663 629 661 688 582 661 684 652 664 662 661 605 588	H HOU 409.0 0 0 0 0 0 0 0 764 659 555 581 587 557 614 593 557 614 593 557 614 593 547 553	SE 80 1 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 0 731 737 677 678 646 627 607 620 591 534 523 522 527 535 533 520	0.S.A. 0 IBS 120 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611 552 541 539 535 542 537 530	130 0 0 0 0 0 0 0 0 801 743 703 656 662 655 690 643 582 568 557 522 523 530	15 M 2 140 0 0 0 0 0 0 0 824 766 686 654 642 693 652 608 558 559 557 542	AR 19 50 FT 150 0 0 0 0 0 846 789 698 679 646 630 696 660 634 642 628 578 590 553	90 Si 59 160 0 0 0 0 0 0 0 862 811 749 710 653 628 666 657 630 629 616 595 585 585	ngle F 70 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 587 578 579 557 540 533 505	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617 595 587 557 542 513 508		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600 600 560 511 496 459	V TF4 20 0 0 0 0 0 0 0 712 653 627 668 654 6626 605 577 5583 588 547 501	1-A-1 95.0 0 0 0 0 0 0 699 669 644 685 665 665 665 659 625 592 659 626 582 572 583 588 542 509	0 % R 40 0 0 0 0 0 0 0 726 676 634 640 636 657 637 666 643 629 592 595 592 595 597	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 732 663 629 620 601 688 661 687 652 684 653 629 610 605 605 558 614 651 598 514	H HOU 409.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 726 720 687 686 6629 615 618 599 540 525 517 525 530 530 530 478 450	ED U 992.0 0 0 0 0 0 0 731 737 677 678 686 627 620 591 534 523 522 527 535 533 520 513 470	7.S.A. 0 IBS 120 0 0 0 0 0 0 768 777 713 681 664 645 645 645 552 541 539 535 542 537 530 535 542 537 530 547 530 547 547 547 547 547 547 547 547	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 824 766 716 686 654 642 693 652 608 605 589 557 557 542 511 482	AR 19 50 FT 150 0 0 0 0 0 846 789 698 679 646 630 696 642 628 589 578 553 517 504	90 Sii 59 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 635 632 633 587 578 578 579 559 559 559 540 533 505 495 477	Engin PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 617 595 587 557 557 542 513 508 511 467		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600 560 560 561 496 459 500	V TF4 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1-A-1 95.0 0 0 0 0 0 0 0 0 669 669 664 685 661 633 588 629 626 582 572 583 588 542 592 494 444 475	0 % R 40 0 0 0 0 0 0 0 0 0 726 676 634 640 631 660 636 657 637 666 643 629 592 595 590 597 577 548 484 470	EM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 732 663 629 620 601 608 582 661 6653 629 610 605 588 661 4651 598 514 470	H HOU 409.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 726 720 687 686 668 629 540 525 517 525 530 503 500 478 478 449 441	ED U 992.0 0 110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.S.A. 0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 6645 645 645 645 552 541 539 535 542 537 530 513 500 467 432 431	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 0 824 766 686 654 654 652 608 652 608 558 550 557 542 542 542 486 467 461	AR 19 50 FT 150 0 0 0 0 0 846 789 729 698 679 646 630 660 634 642 628 589 578 590 5517 504 496 480	90 Sii 59 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 587 578 579 557 540 533 505 495 495 477 487 475 476	Engine PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 6618 631 617 595 587 557 542 513 501 467 501 485 451		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38	PWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600 500 510	V TF4 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1-A-1 95.0 0 0 0 0 0 0 0 699 669 664 661 633 588 629 612 592 592 572 583 588 542 572 583 588 542 544 444 475 483	0 % R 40 0 0 0 0 0 726 676 676 634 640 631 610 600 636 657 637 577 577 577 577 578 484 470 470	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 732 663 629 661 687 652 664 653 629 610 605 588 614 470 460	H HOU 409.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SE 80 0 1ES 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 992.0 0 0 0 0 0 0 731 737 678 646 627 607 620 591 534 523 522 527 535 533 520 513 470 4457 448 484	7.S.A. 0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 664 645 642 676 611 552 541 539 535 542 537 530 542 537 530 542 543 542 542 544 544 544 544 544 544	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0	AR 19 50 FT 150 0 0 0 0 0 846 789 698 679 646 630 696 660 634 6428 589 578 590 553 517 504 496 480 465	90 Si 59 160 0 0 0 0 0 0 0 0 862 811 749 770 653 628 666 657 630 629 616 595 585 585 543 530 504 492 490 460	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 635 632 633 587 579 557 540 533 505 495 477 487 476 454	Engine PCT 180 0 0 0 0 0 0 848 795 720 661 644 612 592 618 631 7595 557 542 513 508 514 467 501 445 451 434		IN	HG
MILITARY TF41-A-1 MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	FWR 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	10605 10 0 0 0 0 0 0 689 651 634 662 649 628 595 626 637 604 672 633 585 578 600 560 560 561 496 459 500	V TF4 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1-A-1 95.0 0 0 0 0 0 0 0 0 669 669 664 685 661 633 588 629 626 582 572 583 588 542 592 494 444 475	0 % R 40 0 0 0 0 0 0 0 0 0 726 676 634 640 631 660 636 657 637 666 643 629 592 595 590 597 577 548 484 470	EM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	HUS 7 60 0 0 0 0 0 0 732 663 629 620 601 608 582 661 6653 629 610 605 588 661 4651 598 514 470	H HOU 409.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SE 0 LBS 80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 P /HR 90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 0 726 720 687 686 668 629 540 525 517 525 530 503 500 478 478 449 441	ED U 992.0 0 0 0 0 0 0 0 731 737 677 678 646 627 607 620 591 534 522 527 535 533 520 533 470 474 448 484 514	7.S.A. 0 IBS 120 0 0 0 0 0 0 0 768 777 713 681 6645 645 645 645 552 541 539 535 542 537 530 513 500 467 432 431	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	15 M 2 140 0 0 0 0 0 0 0 0 824 766 686 654 654 652 608 652 608 558 550 557 542 542 542 486 467 461	AR 19 50 FT 150 0 0 0 0 0 846 789 729 698 679 646 630 660 634 642 628 589 578 590 5517 504 496 480	90 Si 59 160 0 0 0 0 0 0 0 0 862 811 749 710 677 653 628 666 657 630 629 649 595 585 585 585 585 543 530 504 490 460 460	ngle F 70 0 0 0 0 0 0 0 0 834 787 715 674 644 635 632 633 587 578 579 557 540 533 505 495 495 477 487 475 476	Engine PCT 180 0 0 0 0 0 0 0 848 795 720 661 644 612 592 6618 631 617 595 587 557 542 513 501 467 501 485 451		IN	HG

MILITARY		10618		1-A-1			HUS	н нои	SE	1 M	EASUR	ED U	.s.a.	F.	15 M	AR 19	90 Si	ngle	Engin	e Data	
85 % RPM		RUNUP		85.0	0 % R			401.0		•		118.0				50 FT		F 70		29.92	IN HG
BAND	0	10	20	30	40 0	50 0	60 0	70 0	80 0	90 0	100 0	110 0	120 0	130 0	140 0	150 0	160 0	170 0	180 0		
10 11	0	0	0	0	0	0	0	0	0	0	0	ō	Ö	ő	ő	Ö	Ö	Ö	ō		
12	Ö	ō	0	Ō	ō	0	Ō	0	0	0	0	0	0	0	0	0	0	0	0		
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
15 16	0	0	0	0	0	0	0	0	0	0	0	0	0	Ö	ő	ő	ō	ō	ō		
17	664	659	656	644	654	664	669	706	689	656	641	656	666	686	686	686	686	686	686		
18	643	663	631	639	631	656	641	701	689	645	625	650	645	653	653	653	653	653	653		
19	641	647	647	614	621	614 632	591 595	664 638	647 618	655 660	650 641	643 628	625 651	617 618	617 618	617 618	617 618	617 618	617 618		
20 21	662 659	655 634	648 619	662 649	625 619	624	584	627	607	638	656	634	651	616	616	616	616	616	616		
22	600	596	580	576	596	560	568	576	546	590	575	555	577	557	557	557	557	557	557		
23	565	5 55	558	532	512	500	490	495	492	557	497	519	529	535	535	535	535	535	535		
24	591 590	603 587	611 590	583 574	539 524	523 502	511 512	513 517	519 517	547 502	520 483	528 513	553 536	548 501	548 501	548 501	548 501	548 501	548 501		
25 26	540	520	517	512	474	457	454	460	460	453	430	480	467	442	442	442	442	442	442		
27	552	526	526	526	489	494	474	489	459	410	403	453	448	418	418	418	418	418	418		
28	523	508	490	506	476	493	458	478	458	412	407	442	419	402	402	402	402	402	402		
29	487	475	462	475	455	455	452 425	447 428	427 405	403 380	400 380	425 460	407 400	385 375	385 375	385 375	385 375	385 375	385 375		
30 31	475 513	470 510	458 477	465 477	448 477	440 463	443	447	407	401	370	410	395	375	375	375	375	375	375		
32	523	530	493	500	488	470	456	433	418	402	362	402	388	370	370	370	370	370	370		
33	470	484	462	464	450	432	410	400	397	373	353	405	375	363	363	363	363	363	363		
34 25	497	489	474	484 414	487 406	477 396	459 378	441 388	444 408	444 396	384 334	444 384	400 357	367 369	367 369	367 369	367 369	367 369	367 369		
35 36	434 394	416 384	404 369	366	356	339	342	359	396	364	309	347	325	342	342	342	342	342	342		
37	475	487	467	447	427	393	417	410	445	409	331	338	336	341	341	341	341	341	341		
38	455	483	460	443	433	393	397	405	437	404	314	324	324	332	332	332	332	332	332		
39 40	460 437	474 447	430 402	422 392	424 387	384 372	430 440	432 380	460 427	399 362	304 282	314 280	326 292	314 284	314 284	314 284	314 284	314 284	314 284		
40	40/	44/																			
MILITARY	RMOO			374	307	3/2	440	300	12,	502	202	200	<u> </u>	204	204	201	201	201			
MILITARY GRADE I	RM00		F					PRESS				ED U	•		19 M	AY 19	78 Si	ngle	Engin	e Data	D1 110
GRADE I MAX PWR	A/B	10703	F	100.0	0 % R	PM	SUP	PRESS	ORS	1 M	EASUR	ED U	.s.A.	F.	19 M	AY 19	78 Si ' 59	ngle F 70	Engin PCT	e Data 29.92	IN HG
GRADE I MAX PWR BAND	A/B 0	10703 10	F 20	100.0 30	0 % R 40	PM 50							•		19 M	AY 19	78 Si	ngle	Engin		IN HG
GRADE I MAX PWR	A/B	10703	F	100.0	0 % R	PM	SUP 60	PRESS 70	ORS 80	1 M 90	EASUR 100	ED U	.s.A. 120	F. 130	19 M 2 140	AY 19 50 FT 150	78 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0 0		IN HG
GRADE I MAX PWR BAND 10 11 12	A/B 0 0 0	10703 10 0 0 0	20 0 0	100.0 30 0 0	0 % R 40 0 0	PM 50 0 0	SUP 60 0 0	PRESS 70 0 0 0	ORS 80 0 0	1 M 90 0 0	EASUR 100 0 0	ED U 110 0 0	120 0 0 0	F. 130 0 0	19 M 2 140 0 0	AY 19 50 FT 150 0 0	78 Si 59 160 0 0	ngle F 70 170 0 0	Engin PCT 180 0 0		IN HG
GRADE I MAX PWR BAND 10 11 12	A/B 0 0 0 0	10703 10 0 0 0	20 0 0 0	100.0 30 0 0 0	0 % R 40 0 0 0	DM 50 0 0 0 0	SUP 60 0 0 0	70 0 0 0 0	ORS 80 0 0 0	1 M 90 0 0 0	EASUR 100 0 0 0	ED U 110 0 0 0 0	120 0 0 0	F. 130 0 0 0	19 M 2 140 0 0 0	AY 19 50 FT 150 0 0 0	78 Si 59 160 0 0	ngle F 70 170 0	Engin PCT 180 0 0		IN HG
GRADE I MAX PWR BAND 10 11 12 13	A/B 0 0 0	10703 10 0 0 0	20 0 0	100.0 30 0 0	0 % R 40 0 0	PM 50 0 0	SUP 60 0 0	PRESS 70 0 0 0	ORS 80 0 0	1 M 90 0 0	EASUR 100 0 0	ED U 110 0 0	120 0 0 0	F. 130 0 0	19 M 2 140 0 0	AY 19 50 FT 150 0 0	78 Si 59 160 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0		IN HG
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GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	A/B 0 0 0 0 0 0 0 825 802 779 755 732 719 705 692 662 672 662 652 652 652 652 652 652 65	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.0 30 0 0 0 0 0 0 0 825 802 779 755 732 692 662 652 652 652 652 652 652 65	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60 0 0 0 0 0 0 0 825 802 779 755 732 719 705 692 652 652 652 652 652 652 652 652 652 65	70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ORS 80 0 0 0 0 0 0 825 802 779 755 732 662 662 6652 6652 6652 6652 6652 6652	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	.S.A. 120 0 0 0 0 0 0 0 825 802 779 755 732 719 7652 662 6652 6652 6552 6552 6552 6552	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19 M 2 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AY 19 50 FT 150 0 0 0 0 0 825 802 779 755 732 719 705 692 652 652 652 652 652 652 652 652 652 65	78 Sii 59 160 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ngle F 70 0 0 0 0 0 0 825 802 779 755 732 719 705 682 672 652 652 652 652 652 652 652 652 652 639 632	Engin PCT 180 0 0 0 0 0 825 802 779 755 732 692 662 652 6652 655 652 652 652 654 653 633		IN HG
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GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	A/B 0 0 0 0 0 0 0 825 802 779 755 732 719 705 692 662 672 662 652 652 652 652 652 652 65	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100.0 30 0 0 0 0 0 0 0 825 802 779 755 732 692 662 652 652 652 652 652 652 65	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	60 0 0 0 0 0 0 0 825 802 779 755 732 719 705 692 652 652 652 652 652 652 652 652 652 65	70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ORS 80 0 0 0 0 0 0 825 802 779 755 732 662 662 6652 6652 6652 6652 6652 6652	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	110 0 0 0 0 0 0 0 825 802 779 755 732 719 705 692 662 662 662 652 652 652 652 652 653 653 653 653 653 653 653 653 653 653	120 0 0 0 0 0 0 0 0 825 802 779 755 732 719 705 692 682 652 652 652 652 652 653 654 655 655 652 655 652 655 655 655 655 655	F. 130 0 0 0 0 0 0 0 825 802 779 755 732 719 705 692 662 652 652 652 652 652 652 652 652 65	19 M 22 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AY 19 50 FT 150 0 0 0 0 0 825 779 755 732 719 705 692 662 652 652 652 652 652 652 652 652 65	78 Si 59 160 0 0 0 0 0 0 0 825 802 779 7755 732 719 705 692 682 652 652 652 652 652 652 652 652 652 65	ngle F 70 0 0 0 0 0 0 825 802 779 755 732 719 705 682 672 652 652 652 652 652 652 652 652 652 65	Engin PCT 180 0 0 0 0 0 0 825 802 779 755 732 719 705 692 662 662 662 6652 6652 6652 6652 66		IN HG

MILITAF	EY RMO	010803	3F																	
GRADE I	· -			100 (00 % F	DDM	SU	PPRESS	ORS	1 1	ÆASUF	SED (J.S.A.	F.						ne Data
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	250 FT 150	160	170	180	29.92 IN HG
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11 12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	0	ō	Ö	ő	0	0	0	Ö	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	902	902	902	902	902	902	902	902	902	902	902	902	0 902	0 902	0 902	0 902	0 902	0 902	0 902	
18	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	892	
19 20	882 872	882 872	882 872	882 872	882 872	882 872	882 872	882	882	882	882	882	882	882	882	882	882	882	882	
21	862	862	862	862	862	862	862	872 862	872 862	872 862	872 862	872 862	872 862	872 862	872 862	872 862	872 862	872 862	872 862	
22	852	852	852	852	852	852	852	852	852	852	852	852	852	852	852	852	852	852	852	
23	842	842	842	842	842	842	842	842	842	842	842	842	842	842	842	842	842	842	842	
24 25	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	832 819	
26	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	
27	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792	792	
28	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	789	
29 30	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	785 782	
31	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	
32	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	
33 34	782 769	782 769	782 769	782 769	782 769	782 769	782 769	782 769	782 769	782	782	782	782	782	782	782	782	782	782	
35	755	755	755	755	755	755	755	755	755	769 755	769 755	769 755	769 755	769 755	769 755	769 755	769 755	769 755	769 755	
36	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	
37 30	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	
38 39	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	702 682	
40																				
40	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	
MILITAR	Y RMOO			662	662	662														- D-h-
	Y RMOO II		F	662 100.0				662 PRESS				662 ED U			19 M		78 Si	ngle	Engin	e Data 29.92 IN HG
MILITAR GRADE I MAX PWR BAND	Y RM00 II A/B 0	10903 10	F 20	100.0 30	0 % R 40	PM 50	SUP 60	PRESS	ORS 80	1 M 90	EASUR 100	ED U	.s.A. 120	F. 130	19 M 2 140	AY 19 50 FT 150	78 Si 59 160	ngle F 70 170	Engin PCT 180	
MILITAR GRADE I MAX PWR BAND 10	Y RMOO II A/B O	10903 10 0	20 0	100.0 30 0	0 % R 40 0	PM 50 0	SUP 60 0	PRESS 70 0	ORS 80 0	1 M 90 0	EASUR 100 0	ED U 110 0	.s.a. 120 0	F. 130 0	19 M 2 140 0	AY 19 50 FT 150 0	78 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0	
MILITAR GRADE I MAX PWR BAND	Y RM00 II A/B 0	10903 10	F 20	100.0 30	0 % R 40	PM 50	SUP 60	PRESS	ORS 80	1 M 90	EASUR 100	ED U	.s.A. 120	F. 130	19 M 2 140	AY 19 50 FT 150	78 Si 59 160	ngle F 70 170	Engin PCT 180 0	
MILITAR GRADE I MAX PWR BAND 10 11	Y RMOO II A/B O O	10903 10 0 0	20 0 0	100.0 30 0 0	0 % R 40 0	PM 50 0	SUP 60 0 0	70 0 0	ORS 80 0 0	1 M 90 0	EASUR 100 0 0	ED U 110 0 0	.S.A. 120 0 0	F. 130 0	19 M 2 140 0 0	AY 19 50 FT 150 0	78 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0	
MILITAR GRADE I MAX PWR BAND 10 11 12 13	Y RM00 II A/B 0 0 0 0	10903 10 0 0 0 0	20 0 0 0 0	100.0 30 0 0 0 0	0 % R 40 0 0 0	PM 50 0 0 0 0 0 0	SUP 60 0 0 0	70 0 0 0 0 0	ORS 80 0 0 0	1 M 90 0 0 0 0	100 0 0 0 0	110 0 0 0 0 0	.S.A. 120 0 0 0	130 0 0 0 0	19 M 2 140 0 0 0 0	AY 19 50 FT 150 0 0 0	78 Si 59 160 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0 0	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15	Y RM00 II A/B 0 0 0 0 0	10903 10 0 0 0 0	20 0 0 0 0	100.0 30 0 0 0 0	0 % R 40 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0	SUP 60 0 0 0 0	70 0 0 0 0 0	80 0 0 0 0	1 M 90 0 0 0 0 0 0	100 0 0 0 0 0	110 0 0 0 0 0	.S.A. 120 0 0 0 0	130 0 0 0 0 0	19 M 2 140 0 0 0 0	AY 19 50 FT 150 0 0 0 0	78 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	Engin 180 0 0 0 0 0	
MILITAR GRADE I MAX PWR BAND 10 11 12 13	Y RM00 II A/B 0 0 0 0	10903 10 0 0 0 0	20 0 0 0 0	100.0 30 0 0 0 0	0 % R 40 0 0 0	PM 50 0 0 0 0 0 0	SUP 60 0 0 0	70 0 0 0 0 0	ORS 80 0 0 0	1 M 90 0 0 0 0	100 0 0 0 0	110 0 0 0 0 0	.S.A. 120 0 0 0	130 0 0 0 0	19 M 2 140 0 0 0 0	AY 19 50 FT 150 0 0 0	78 Si 59 160 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0 0	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18	Y RM00 II A/B 0 0 0 0 0 0 0 922 922	10903 10 0 0 0 0 0 0 922 922	20 0 0 0 0 0 0 0 922 922	100.0 30 0 0 0 0 0 0 0 922 922	0 % R 40 0 0 0 0 0 0 922 922	PM 50 0 0 0 0 0 0 0 0 0 0 0 922 922	SUP 60 0 0 0 0 0 0 922 922	70 0 0 0 0 0 0 0 0 922 922	ORS 80 0 0 0 0 0 922 922	1 M 90 0 0 0 0 0 0 922 922	100 0 0 0 0 0 0 0 922 922	ED U 110 0 0 0 0 0 922 922	.S.A. 120 0 0 0 0 0 922 922	130 0 0 0 0 0 0 0 922 922	19 M 2 140 0 0 0 0 0 922 922	AY 19 50 FT 150 0 0 0 0 0 922 922	78 Si 59 160 0 0 0 0 922 922	ngle F 70 170 0 0 0 0 0 0 922 922	Engin PCT 180 0 0 0 0 0 0 0 922 922	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19	Y RM00 II A/B 0 0 0 0 0 0 0 0 922 922 922	10903 10 0 0 0 0 0 0 0 922 922 922	20 0 0 0 0 0 0 0 922 922 922	100.0 30 0 0 0 0 0 0 0 922 922 922	0 % R 40 0 0 0 0 0 0 922 922 922	PM 50 0 0 0 0 0 0 0 922 922 922	SUP 60 0 0 0 0 0 0 922 922	70 0 0 0 0 0 0 0 0 922 922	ORS 80 0 0 0 0 0 922 922 922	1 M 90 0 0 0 0 0 0 0 922 922 922	100 0 0 0 0 0 0 0 922 922 922	ED U 110 0 0 0 0 0 0 922 922 922	.S.A. 120 0 0 0 0 0 922 922 922	130 0 0 0 0 0 0 0 922 922 922	19 M 2 140 0 0 0 0 0 0 922 922 922	AY 19 50 FT 150 0 0 0 0 0 922 922 922	78 Si 59 160 0 0 0 0 922 922 922	ngle F 70 170 0 0 0 0 0 0 922 922 922	Engin PCT 180 0 0 0 0 0 0 0 922 922 922	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18	Y RM00 II A/B 0 0 0 0 0 0 0 922 922	10903 10 0 0 0 0 0 0 922 922	20 0 0 0 0 0 0 0 922 922	100.0 30 0 0 0 0 0 0 0 922 922	0 % R 40 0 0 0 0 0 0 922 922	PM 50 0 0 0 0 0 0 0 0 0 0 0 922 922	SUP 60 0 0 0 0 0 0 922 922	70 0 0 0 0 0 0 0 0 922 922	ORS 80 0 0 0 0 0 922 922	1 M 90 0 0 0 0 0 0 922 922	100 0 0 0 0 0 0 0 922 922	ED U 110 0 0 0 0 0 922 922	.S.A. 120 0 0 0 0 0 922 922	130 0 0 0 0 0 0 0 922 922	19 M 2 140 0 0 0 0 0 922 922	AY 19 50 FT 150 0 0 0 0 0 922 922	78 Si 59 160 0 0 0 0 922 922	ngle F 70 170 0 0 0 0 0 0 922 922	Engin PCT 180 0 0 0 0 0 0 0 922 922	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 919	10903 10 0 0 0 0 0 922 922 922 922 922 922	20 0 0 0 0 0 0 922 922 922 922 922 922	100.0 30 0 0 0 0 0 0 922 922 922 922 922 922 92	0 % R 40 0 0 0 0 0 922 922 922 922 922 919	PM 50 0 0 0 0 0 0 0 0 0 922 922 922 922 922	SUP 60 0 0 0 0 0 0 922 922 922 922 922 922	70 0 0 0 0 0 0 0 922 922 922 922 922 922	0RS 80 0 0 0 0 0 0 922 922 922 922 922 922	1 M 90 0 0 0 0 0 0 922 922 922 922 922 922	100 0 0 0 0 0 0 0 0 922 922 922 922 922 9	ED U 110 0 0 0 0 0 0 922 922 922 922 922 919	.S.A. 120 0 0 0 0 0 922 922 922 922 922 919	130 0 0 0 0 0 0 0 922 922 922 922 922 929	19 M 2 140 0 0 0 0 0 922 922 922 922 922 919	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 922 919	78 Si 59 160 0 0 0 0 0 922 922 922 922 922 919	ngle F 70 170 0 0 0 0 0 0 922 922 922 922 922 922	Engin PCT 180 0 0 0 0 0 922 922 922 922 922 922 919	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 921 919	10903 10 0 0 0 0 0 922 922 922 922 922 919 915	20 0 0 0 0 0 0 922 922 922 922 922 919 915	100.0 30 0 0 0 0 0 0 922 922 922 922 922 919 915	0 % R 40 0 0 0 0 0 922 922 922 922 922 919 915	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUP 60 0 0 0 0 0 922 922 922 922 922 919 915	PRESS 70 0 0 0 0 0 922 922 922 922 922 919 915	ORS 80 0 0 0 0 0 922 922 922 922 922 919 915	1 M 90 0 0 0 0 0 0 922 922 922 922 922 919 915	100 0 0 0 0 0 0 0 922 922 922 922 922 922	ED U 110 0 0 0 0 0 922 922 922 922 919 915	.S.A. 120 0 0 0 0 0 922 922 922 922 922 919 915	130 0 0 0 0 0 0 0 922 922 922 922 922 919 915	19 M 2 140 0 0 0 0 0 922 922 922 922 919 915	AY 19 50 FT 150 0 0 0 0 922 922 922 922 919 915	78 Si 59 160 0 0 0 0 0 922 922 922 922 922 919 915	ngle F 70 0 0 0 0 0 0 0 0 922 922 922 922 922 919 915	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 922 919 915	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 919	10903 10 0 0 0 0 0 922 922 922 922 922 922	20 0 0 0 0 0 0 922 922 922 922 922 922	100.0 30 0 0 0 0 0 0 922 922 922 922 922 922 92	0 % R 40 0 0 0 0 0 922 922 922 922 922 919	PM 50 0 0 0 0 0 0 0 0 0 922 922 922 922 922	SUP 60 0 0 0 0 0 0 922 922 922 922 922 922	70 0 0 0 0 0 0 0 922 922 922 922 922 922	0RS 80 0 0 0 0 0 0 922 922 922 922 922 922	1 M 90 0 0 0 0 0 0 922 922 922 922 922 922	100 0 0 0 0 0 0 0 0 922 922 922 922 922 9	ED U 110 0 0 0 0 0 0 922 922 922 922 922 919	.S.A. 120 0 0 0 0 0 922 922 922 922 922 919	130 0 0 0 0 0 0 0 922 922 922 922 922 929	19 M 2 140 0 0 0 0 0 922 922 922 922 922 919	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 922 919	78 Si 59 160 0 0 0 0 0 922 922 922 922 922 919	ngle F 70 170 0 0 0 0 0 0 922 922 922 922 922 922	Engin PCT 180 0 0 0 0 0 922 922 922 922 922 922 919	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	Y RM00 II A/B 0 0 0 0 0 0 922 922 922 922 922 922 92	10903 10 0 0 0 0 0 922 922 922 922 922 922 922	20 0 0 0 0 0 0 0 0 922 922 922 922 922 9	100.0 30 0 0 0 0 0 0 922 922 922 922 919 915 915 912 909	0 % R 40 0 0 0 0 0 0 0 0 922 922 922 922 922 922 922 922 922 922	PM 50 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905	SUP 60 0 0 0 0 0 0 0 922 922 922 922 922 922 922 922 922 92	PRESS 70 0 0 0 0 0 922 922 922 922 919 915 915 919 909	ORS 80 0 0 0 0 0 0 922 922 922 922 922 922 92	1 M 90 0 0 0 0 0 0 0 922 922 922 922 922 922 922 922 922 92	100 0 0 0 0 0 0 0 922 922 922 922 922 922	ED U 110 0 0 0 0 0 922 922 922 922 922 922 919 915 915 915 909 905	.S.A. 120 0 0 0 0 0 0 922 922 922 922 922 922 9	130 0 0 0 0 0 0 0 922 922 922 922 922 922	19 M 2 140 0 0 0 0 0 0 0 922 922 922 922 922 922 922 922 922 92	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 922 922 922	78 Si 59 160 0 0 0 0 0 0 0 922 922 922 922 922 922 922 922 929 919 91	ngle F 700 0 0 0 0 0 0 0 0 922 922 922 922 922 922 922 922 922 92	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 922 919 915 915 912 909	
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MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 922	10903 10 0 0 0 0 0 922 922 922 922 922 919 915 912 909 905 882 872 869	20 0 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 882 872 869	100.0 30 0 0 0 0 0 922 922 922 922 92	0 % R 40 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 872 869	PM 50 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 5 902 882 872 869	SUP 60 0 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 869	PRESS 70 0 0 0 0 0 922 922 922 922 922 919 915 912 909 905 902 882 872 869	ORS 80 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 8869	90 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 892 882 872 869	100 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 872 886	ED U 110 0 0 0 0 0 922 922 922 922 922 919 915 912 909 905 902 882 872 869	.S.A. 120 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 8869	130 0 0 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 869	19 M 2 140 0 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 869	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 872 8869	78 Si 59 160 0 0 0 0 922 922 922 922 919 915 912 909 905 882 882 872 869	ngle F 70 170 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 922 922 919 915 912 909 905 905 882 872 869	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 922	10903 10 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872	20 0 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 882 872	100.0 30 0 0 0 0 0 0 922 922 922 922	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SUP 60 0 0 0 0 0 0 922 922 922 919 915 912 909 905 902 892 882 872	PRESS 70 0 0 0 0 0 922 922 922 922 922 919 915 912 909 905 902 882 872	ORS 80 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872	90 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 869 865	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	ED U 110 0 0 0 0 0 922 922 922 922 922 919 915 912 909 905 882 8872 8869 865	.S.A. 120 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 8872 869 865	130 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 872 869 865	19 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 869 865	78 Si 59 160 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 869 865	ngle F 70 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 892 882 882 869	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 922 922 919 915 915 909 905 882 882 882 869 865	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 922	10903 10 0 0 0 0 0 922 922 922 922 922 919 905 905 902 882 872 8869 865 862 862	20 0 0 0 0 0 0 0 0 922 922 922 922 922 9	100.0 30 0 0 0 0 0 922 922 922 922 92	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 922 922 922 922 922 922	SUP 60 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 869 865	PRESS 70 0 0 0 0 0 922 922 922 922 922 919 915 912 909 905 882 8872 889 865	ORS 80 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872 869 865	90 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 892 882 872 869	100 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 882 872 869 865	ED U 110 0 0 0 0 0 922 922 922 922 922 919 915 912 909 905 902 882 872 869	.S.A. 120 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 8869	130 0 0 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 869	19 M 2 140 0 0 0 0 0 0 922 922 922 919 915 912 909 905 882 872 869	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 919 915 912 909 905 882 872 8869	78 Si 59 160 0 0 0 0 922 922 922 922 919 915 912 909 905 882 882 872 869	ngle F 70 170 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 922 922 919 915 912 909 905 905 882 872 869	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 922	10903 10 0 0 0 0 0 922 922 922 922 919 915 909 905 902 882 872 869 865 862 862	20 0 0 0 0 0 0 0 0 922 922 922 922 922 9	100.0 30 0 0 0 0 0 0 922 922 922 922	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 922 922 922 922 919 905 902 882 862 862 862 862	SUP 60 0 0 0 0 0 0 922 922 922 922	PRESS 70 0 0 0 0 0 922 922 922 922 919 915 915 909 905 902 882 872 8869 8865 8862 8862 8862	ORS 80 0 0 0 0 0 922 922 922 922 922 922 922	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 922 922 922 922 922 922 9	ED U 110 0 0 0 0 922 922 922 919 915 909 905 902 882 862 862 862 862	.S.A. 120 0 0 0 0 0 922 922 922 922 922 922 922	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19 M 2 140 0 0 0 0 0 0 0 922 922 922 922 922 922 922 822 822 882 88	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 922 922 922	78 Si 59 160 0 0 0 0 0 922 922 922 922 922 922 922	ngle F 70 0 0 0 0 0 0 922 922 922 922 922 922 92	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 919 915 915 909 905 902 892 872 869 865 862 862	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 922	10903 10 0 0 0 0 0 922 922 922 922 922 922 922	20 0 0 0 0 0 0 0 0 922 922 922 919 915 915 909 905 882 872 862 862 862 862 862	100.0 30 0 0 0 0 0 0 922 922 922 922	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 922 922 922 919 915 909 905 892 882 862 862 862 862 862 862	SUP 60 0 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872 869 865 862 862 862 862	PRESS 70 0 0 0 0 0 922 922 922 922 919 915 909 905 902 882 862 862 862 862 862	ORS 80 0 0 0 0 0 922 922 922 922 919 915 912 909 905 802 872 882 862 862 862 862 862	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 8872 8869 8865 8662 862 862 862	ED U 110 0 0 0 0 0 922 922 922 912 915 909 905 882 862 862 862 862 862	.S.A. 120 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 8869 8865 862 862 862 862	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19 M 2 140 0 0 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 8869 8865 8662 862 862 862	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 869 865 862 862 862 862	78 Si 59 160 0 0 0 0 922 922 922 922 919 915 912 909 905 802 882 872 869 865 862 862 862 862	ngle F 70 0 0 0 0 0 0 922 922 922 922 922 919 905 905 902 882 872 865 862 862 862	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 922 922 92	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 922	10903 10 0 0 0 0 0 922 922 922 922 919 915 909 905 902 882 872 869 865 862 862	20 0 0 0 0 0 0 0 0 922 922 922 922 922 9	100.0 30 0 0 0 0 0 0 922 922 922 922	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 922 922 922 922 919 905 902 882 862 862 862 862	SUP 60 0 0 0 0 0 0 922 922 922 922	PRESS 70 0 0 0 0 0 922 922 922 922 919 915 915 909 905 902 882 872 8869 8865 8862 8862 8862	ORS 80 0 0 0 0 0 922 922 922 922 922 922 922	90 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	EASUR 100 0 0 0 0 0 0 922 922 922 922 922 922 9	ED U 110 0 0 0 0 922 922 922 919 915 909 905 902 882 862 862 862 862	.S.A. 120 0 0 0 0 0 922 922 922 922 922 922 922	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19 M 2 140 0 0 0 0 0 0 0 922 922 922 922 922 922 922 822 822 882 88	AY 19 50 FT 150 0 0 0 0 0 922 922 922 922 922 922 922	78 Si 59 160 0 0 0 0 0 922 922 922 922 922 922 922	ngle F 70 0 0 0 0 0 0 922 922 922 922 922 922 92	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 919 915 915 909 905 902 892 872 869 865 862 862	
MILITAR GRADE I MAX PWR BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	Y RM00 II A/B 0 0 0 0 0 922 922 922 922 922 922 922	10903 10 0 0 0 0 0 922 922 922 922 922 922 922	20 0 0 0 0 0 0 0 0 922 922 922 922 919 915 909 905 902 882 872 865 862 862 862 862 862	100.0 30 0 0 0 0 0 922 922 922 922 919 915 912 905 905 902 882 872 869 862 862 862 862 862 862	0 % R 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PM 50 0 0 0 0 0 0 0 922 922 922 922 922 922	SUP 60 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872 869 865 862 862 862 862 862	PRESS 70 0 0 0 0 0 922 922 922 922 919 915 912 905 905 862 862 862 862 862 865	ORS 80 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872 869 865 862 862 862 865	90 0 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872 869 865 862 862 862 862 862	EASUR 100 0 0 0 0 0 922 922 922 922 919 915 912 909 905 902 882 872 869 865 862 862 862 862 865	ED U 110 0 0 0 0 0 922 922 922 919 915 912 905 902 882 872 869 865 862 862 865	.S.A. 120 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872 869 865 862 862 862 862	F. 130 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	19 M 2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	AY 19 50 FT 150 0 0 0 0 0 922 922 922 919 915 912 909 905 902 882 872 869 865 862 862 862 862 865	78 Si 59 160 0 0 0 0 922 922 922 922 922 922 928 82 872 869 865 862 862 862 862 865	ngle F 70 170 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Engin PCT 180 0 0 0 0 0 0 922 922 922 922 922 922 92	

MILITARY TEST CEI		11003	F				NON	E		1 M	EASUR	ED U	.s.A.	F.	21 N	OV 19:	90 Si	ngle :	Engin	e Data
MAX PWR				100.0	0 % R	PM										50 FT		F 70		29.92 IN HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160 0	170 0	180 0	
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11 12	0	0	0	0	0	0	0	0	0	0	Ö	Ö	Ö	Ö	ō	ō	ō	ō	ō	
13	0	ō	ő	ő	ŏ	ō	ō	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0 902	0 902	0 902	0 902	0 902	0 902	0 902	0 902	0 902	0 902	0 902	902	
17 18	902 892	902 892	902 892	902 892	902 892	902 892	902 892	892	892	892	892	892	892	892	892	892	892	892	892	
19	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	882	
20	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	872	
21	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	862	
22	852	852	852	852	852	852	852 842	852 842	852 842	852 842	852 842	852 842	852 842	852 842	852 842	852 842	852 842	852 842	852 842	
23 24	842 832	842 832	842 832	842 832	842 832	842 832	832	832	832	832	832	832	832	832	832	832	832	832	832	
25	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	819	
26	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	805	
27	792	792	792	792	792	792	792	792	792	792	792	792	792	792 789	792 789	792 789	792 789	792 789	792 789	
28	789	789 785	789 785	789 785	789 785	789 785	789 785	789 785	789 785	789 785	789 785	789 785	789 785	785	785	785	785	785	785	
29 30	785 782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	
31	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	
32	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	782	
33	782	782	782	782	782	782	782	782	782	782	782 769	782 769	782 769	782 769	782 769	782 769	782 769	782 769	782 769	
34 35	769 755	769 755	769 755	769 755	769 755	769 755	769 755	769 755	769 755	769 755	755	755	755	755	755	755	755	755	755	
35 36	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	742	
37	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	722	
38	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	
39	682	682	682	682	682	682	682 662	682 662	682 662	682 662	682 662	682 662	682 662	682 662	682 662	682 662	682 662	682 662	682 662	
40	662	662	662	662	662	662	002	002	002	002	002	002	002	002	002	002				
MTT.TTAP	V DMOO	11005																		
MILITAR TEST CE		11005					NON	E		1 M	EASUR	ED U	.s.a.	F.				-	_	e Data
	ഥ	11005	V	100.0	0 % R										2	50 FT	59	F 70	PCT	e Data 29.92 IN HG
TEST CEI MAX CONT BAND	LL I PWR O	10	V 20	100.0 30	0 % R 40	50	60	70	80	90	100	110	120	130	2 140	50 FT 150	59 160	F 70 170	PCT 180	
TEST CE MAX CON BAND 10	LL I PWR 0 0	10	20 0	100.0 30 0	0 % R 40 0	50 0	60 0	70 0	0	90 0	100 0	110 0			2	50 FT	59	F 70	PCT	
TEST CE MAX CON: BAND 10 11	LL F PWR 0 0	10 0 0	V 20	100.0 30	0 % R 40	50	60	70		90	100	110	120 0	130 0	2 140 0	50 FT 150 0	59 160 0	F 70 170 0	PCT 180 0	
TEST CE MAX CON BAND 10	LL I PWR 0 0	10	20 0 0	100.0 30 0 0	0 % R 40 0	50 0 0	60 0 0	70 0 0 0	0	90 0 0 0	100 0 0 0	110 0 0 0 0	120 0 0 0 0	130 0 0 0	2 140 0 0 0	50 FT 150 0 0 0	59 160 0 0 0	F 70 170 0 0 0	PCT 180 0 0 0	
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TEST CEI MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35	ILL I PWR 0 0 0 0 0 0 875 852 829 805 782 762 762 702 702 702 702 695 689	10 0 0 0 0 0 0 0 875 852 829 805 762 7755 742 732 709 705 702 702 702 702 702 695	20 0 0 0 0 0 0 0 875 852 829 805 762 769 7755 742 732 709 705 702 702 702 702 702	100.0 30 0 0 0 0 0 0 875 852 829 805 782 769 755 742 722 709 705 702 702 702 695 689	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 875 852 829 805 782 769 755 742 709 705 702 702 702 695 689	60 0 0 0 0 0 0 0 875 852 829 805 782 755 742 732 702 702 702 702 702 702 695 689	70 0 0 0 0 0 0 0 875 852 829 805 762 765 742 702 702 702 702 702 702 695 689	0 0 0 0 0 0 0 875 852 829 805 762 742 732 722 702 702 702 702 702 695	90 0 0 0 0 0 0 0 875 882 782 765 742 732 702 702 702 702 702 702 695	100 0 0 0 0 0 0 0 875 852 829 805 762 7755 742 772 702 702 702 702 702 702 695	110 0 0 0 0 0 0 0 875 852 829 805 762 7755 742 772 702 702 702 702 702 702 695	120 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 702 702 702 702 702 695 689	130 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 722 712 709 705 702 702 702 695 689	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 0 875 852 829 805 782 769 755 742 722 709 705 702 702 702 695 689	59 160 0 0 0 0 0 0 875 852 829 805 762 755 742 702 702 702 702 702 702 695 689	F 70 170 0 0 0 0 0 0 875 852 829 805 782 769 755 742 709 705 702 702 702 695 689	PCT 180 0 0 0 0 0 0 875 852 829 805 762 762 775 775 775 775 775 775 775 775 775 77	
TEST CEI MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	LL F PWR 0 0 0 0 0 0 0 0 0 875 852 829 805 782 765 742 722 702 702 702 702 702 695 689 682	10 0 0 0 0 0 0 0 875 852 829 805 755 742 732 722 712 709 705 702 702 695 689 682	20 0 0 0 0 0 0 0 875 852 829 805 782 769 755 702 702 702 702 695 689 682	100.0 30 0 0 0 0 0 0 875 852 829 805 782 769 755 742 722 709 705 702 702 702 702 702 689 689 689	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 875 852 829 805 782 769 755 742 709 705 702 702 702 695 689 682	60 0 0 0 0 0 0 0 875 852 829 805 765 755 742 732 712 709 705 702 702 695 689 682	70 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 722 712 709 705 702 702 695 689 682	0 0 0 0 0 0 0 875 852 829 805 769 755 742 712 709 705 702 702 695 689	90 0 0 0 0 0 0 875 852 829 805 765 742 732 722 712 709 705 702 702 695 689 682	100 0 0 0 0 0 0 0 875 852 829 805 782 765 755 742 732 702 702 702 702 702 695 689 682	110 0 0 0 0 0 0 0 875 852 829 805 782 769 755 742 732 709 705 702 702 702 695 689 682	120 0 0 0 0 0 0 0 875 852 829 805 782 769 742 732 702 702 702 702 695 689 682	130 0 0 0 0 0 0 0 875 852 829 805 782 765 755 742 732 702 702 702 702 702 695 689 682	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 875 852 829 805 782 769 755 742 709 705 702 702 702 702 695 689 682	59 160 0 0 0 0 0 0 875 8852 829 805 782 742 732 742 709 705 702 702 695 689 682	F 70 170 0 0 0 0 0 0 875 852 829 805 782 769 755 742 722 709 705 702 702 702 695 689 682	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
TEST CEI MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37	LL F PWR 0 0 0 0 0 0 0 0 0 875 852 829 805 782 769 755 742 702 702 702 702 695 689 682 679	10 0 0 0 0 0 0 875 852 829 805 742 712 709 705 702 702 702 702 695 689 682 679	20 0 0 0 0 0 0 0 0 875 852 829 8805 782 769 755 742 712 712 709 705 702 702 702 695 689 682 679	100.0 30 0 0 0 0 0 0 875 852 829 755 742 722 712 709 705 702 702 702 702 702 702 689 689 682 679	0 % F 40 0 0 0 0 0 0 0 0 0 0 875 852 782 769 755 742 712 712 709 705 702 702 695 689 682 679	50 0 0 0 0 0 875 852 829 805 782 769 755 742 702 702 702 702 702 702 695 689 682 679	60 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 712 709 705 702 702 695 689 682 679	70 0 0 0 0 0 0 875 852 829 805 769 755 742 732 722 712 709 705 702 702 695 689 682 679	0 0 0 0 0 0 0 875 852 829 805 742 712 702 702 702 702 702 695 689 682 679	90 0 0 0 0 0 0 875 882 782 769 755 742 712 702 702 702 702 695 688 682 679	100 0 0 0 0 0 0 0 875 852 829 805 765 755 742 732 722 712 709 705 702 702 695 689 682 679	110 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 722 712 709 705 702 702 695 689 682 679	120 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 702 702 702 702 702 695 689	130 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 722 712 709 705 702 702 702 695 689	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 0 875 852 829 805 782 769 755 742 722 709 705 702 702 702 695 689	59 160 0 0 0 0 0 0 875 852 829 805 762 755 742 702 702 702 702 702 702 695 689	F 70 170 0 0 0 0 0 0 875 852 829 805 782 769 755 742 709 705 702 702 702 695 689	PCT 180 0 0 0 0 0 0 875 852 829 805 762 762 775 775 775 775 775 775 775 775 775 77	
TEST CEI MAX CONT BAND 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36	LL F PWR 0 0 0 0 0 0 0 0 0 875 852 829 805 782 769 755 742 702 702 702 702 702 695 689 682	10 0 0 0 0 0 0 0 875 852 829 805 755 742 732 722 712 709 705 702 702 695 689 682	20 0 0 0 0 0 0 0 875 852 829 805 782 769 755 702 702 702 702 695 689 682	100.0 30 0 0 0 0 0 0 875 852 829 805 782 769 755 742 722 709 705 702 702 702 702 702 689 689 689	0 % F 40 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 0 0 0 0 0 875 852 829 805 782 769 755 742 709 705 702 702 702 695 689 682	60 0 0 0 0 0 0 0 875 852 829 805 765 742 732 742 742 709 705 702 702 695 689 682	70 0 0 0 0 0 0 0 875 852 829 805 769 755 742 732 722 712 709 705 702 702 695 689 682	0 0 0 0 0 0 0 875 852 829 805 769 755 742 712 709 705 702 702 695 689	90 0 0 0 0 0 0 875 852 829 805 765 742 732 722 712 709 705 702 702 695 689 682	100 0 0 0 0 0 0 0 875 852 829 805 782 765 755 742 732 702 702 702 702 702 695 689 682	110 0 0 0 0 0 0 0 875 852 829 805 782 769 755 742 732 709 705 702 702 702 695 689 682	120 0 0 0 0 0 0 0 875 852 829 805 762 772 712 709 705 702 702 702 695 689 682 679	130 0 0 0 0 0 0 0 875 852 829 805 765 755 742 732 712 709 705 702 702 702 695 689 682 679	2 140 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	50 FT 150 0 0 0 0 0 875 852 829 805 782 769 755 742 702 702 702 702 702 702 695 689 682 679	59 160 0 0 0 0 0 0 875 852 829 805 742 742 742 742 709 705 702 702 702 695 689 682 679	F 70 170 0 0 0 0 0 0 875 852 829 805 782 769 755 742 722 709 705 702 702 702 702 695 689 682 679	PCT 180 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	

MILITAR TEST CE		11013	BV				NON	Œ		1 N	ŒASUF	ED U	J.S.A.	F.	21 N	IOV 19	90 Si	ngle	Engir	ue Data
IDLE				70.0	00 % F	RPM										50 FI		_	PCT	29.92 IN HG
BAND	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	
10 11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	ő	ō	ō	ō	ō	ō	Ö	ő	ō	ō	o	Ö	ŏ	0	0	0	0	0	0	
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15 16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	
18	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	702	
19	679	679	679	679	679	679	679	679	679	679	679	679	679	679	679	679	679	679	679	
20 21	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	655 632	
22	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	619	
23	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	605	
24	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592	592	
25 26	582 572	582 572	582 572	582 572	582 572	582 572	582 572	582 572	582 572	582	582	582	582	582	582	582	582	582	582	
27	562	562	562	562	562	562	562	562	562	572 562	572 562	572 562	572 562	572 562	572 562	572 562	572 562	572 562	572 562	
28	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	559	
29	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	555	
30	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	
31 32	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	552 552	
33	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552	552 552	
34	545	545	545	545	545	545	54 5	545	545	545	545	545	545	545	545	545	545	545	545	
35	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	539	
36 37	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	532 529	
38	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	525	
39	522	522	522	522	522	522	522	522	522	522	522	522	522	522	522	522	522	522	522	
40	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	519	
ם איניד אדא	V DMOO	11010			رير	ريد	222	ريدر		317	319	213	319	رير	رير	213	213	213	213	
MILITAR TEST CE		11019			313	313	NON		323		EASUR									e Data
	II		v		0 % R				323				.s.a.		21 N		90 Si	ngle		e Data 29.92 IN HG
TEST CE 80 % RPI BAND	LL MENG O	RUNUP 10	V 20	80.0 30	0 % R 40	ърм 50	NON	E 70	80	1 M 90	EASUR 100	ED U	.s.a. 120	F. 130	21 N 2 140	OV 19 50 FT 150	90 Si 59 160	ngle F 70 170	Engin PCT 180	
TEST CE 80 % RPI BAND 10	LL MENG O	RUNUP 10 0	V 20 0	80.0 30 0	0 % R 40 0	ъм 50 0	NON	70 0	80 0	1 M 90 0	EASUR 100 0	ED U 110 0	120 0	F. 130 0	21 N 2 140 0	OV 19 50 FT 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0	
TEST CE 80 % RPI BAND	LL MENG O	RUNUP 10	V 20	80.0 30	0 % R 40	ърм 50	NON	E 70	80	1 M 90	EASUR 100	ED U	.s.a. 120	F. 130	21 N 2 140	OV 19 50 FT 150	90 Si 59 160	ngle F 70 170	Engin PCT 180	
TEST CE 80 % RPI BAND 10 11 12 13	LL M ENG O O O	RUNUE 10 0 0 0 0	20 0 0 0	80.0 30 0 0	0 % R 40 0 0 0	DPM 50 0 0 0 0 0	NON 60 0 0	70 0 0 0	80 0 0	1 M 90 0 0	EASUR 100 0 0	ED U 110 0 0 0 0	120 0 0	F. 130 0 0	21 N 2 140 0 0	OV 19 50 FT 150 0	90 Si 59 160 0	ngle F 70 170 0	Engin PCT 180 0 0	
TEST CE 80 % RP BAND 10 11 12 13	LL M ENG O O O O	RUNUF 10 0 0 0 0	20 0 0 0 0	80.0 30 0 0 0	0 % R 40 0 0 0	DPM 50 0 0 0 0 0 0 0	NON 60 0 0 0	70 0 0 0 0	80 0 0 0 0	1 M 90 0 0 0 0	100 0 0 0 0	ED U 110 0 0 0 0 0	120 0 0 0 0	F. 130 0 0 0 0	21 N 2 140 0 0 0	OV 19 50 FT 150 0 0 0	90 Si 59 160 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0	
TEST CE: 80 % RPI BAND 10 11 12 13 14 15	LL M ENG O O O O O	RUNUF 10 0 0 0 0 0	20 0 0 0 0 0	80.0 30 0 0 0 0	0 % R 40 0 0 0 0	50 0 0 0 0 0	NON 60 0 0 0 0 0 0 0 0	70 0 0 0 0	80 0 0 0 0	1 M 90 0 0 0 0 0 0	100 0 0 0 0 0 0	110 0 0 0 0 0	120 0 0 0 0 0	130 0 0 0 0 0	21 N 2 140 0 0 0 0	OV 19 50 FT 150 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0 0	
TEST CE 80 % RP BAND 10 11 12 13	LL M ENG O O O O	RUNUF 10 0 0 0 0	20 0 0 0 0	80.0 30 0 0 0	0 % R 40 0 0 0	DPM 50 0 0 0 0 0 0 0	NON 60 0 0 0	70 0 0 0 0	80 0 0 0 0	1 M 90 0 0 0 0	100 0 0 0 0	ED U 110 0 0 0 0 0	120 0 0 0 0 0	130 0 0 0 0 0	21 N 2 140 0 0 0 0 0	OV 19 50 FT 150 0 0 0 0	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0 0	Engin PCT 180 0 0 0 0 0	
TEST CE 80 % RPI BAND 10 11 12 13 14 15 16 17	IL M ENG 0 0 0 0 0 0 0 0 0 825 802	RUNUF 10 0 0 0 0 0 0 0 825 802	20 0 0 0 0 0 0 0 0 825 802	80.0 30 0 0 0 0 0 0 0 825 802	0 % R 40 0 0 0 0 0 0 0 825 802	50 0 0 0 0 0 0 0 0 825 802	NON 60 0 0 0 0 0 0 0 825 802	70 0 0 0 0 0 0 0 0 825 802	80 0 0 0 0 0 0 0 825 802	1 M 90 0 0 0 0 0 0 0 825 802	100 0 0 0 0 0 0 0 0 825 802	110 0 0 0 0 0 0 0 0 825 802	.S.A. 120 0 0 0 0 0 0 0 825 802	F. 130 0 0 0 0 0 0 0 0 825 802	21 N 2 140 0 0 0 0 0 0 0 825 802	OV 19 50 FT 150 0 0 0 0 0 825	90 Si 59 160 0 0 0 0	ngle F 70 170 0 0 0	Engin PCT 180 0 0 0 0 0 0 0 825 802	
TEST CE 80 % RPI BAND 10 11 12 13 14 15 16 17 18	IL	RUNUF 10 0 0 0 0 0 0 0 825 802 779	20 0 0 0 0 0 0 0 0 825 802 779	80.0 30 0 0 0 0 0 0 0 825 802 779	0 % R 40 0 0 0 0 0 0 825 802	50 0 0 0 0 0 0 0 0 825 802 779	NON 60 0 0 0 0 0 0 0 0 825 802 779	70 0 0 0 0 0 0 0 0 825 802 779	80 0 0 0 0 0 0 825 802 779	1 M 90 0 0 0 0 0 0 0 825 802 779	100 0 0 0 0 0 0 0 0 825 802 779	ED U 110 0 0 0 0 0 0 0 825 802 779	.S.A. 120 0 0 0 0 0 0 0 825 802 779	F. 130 0 0 0 0 0 0 825 802 779	21 N 2 140 0 0 0 0 0 0 0 0 825 802 779	OV 19 50 FT 150 0 0 0 0 0 0 825 802 779	90 Si 59 160 0 0 0 0 0 0 825 802 779	ngle F 70 0 0 0 0 0 0 0 825 802 779	Engin PCT 180 0 0 0 0 0 0 0 825 802 779	
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